PHASE II ENVIRONMENTAL SITE INVESTIGATION

OF

PROPOSED PUBLIC SCHOOL FACILITY K14A - AQCUISITION
BLOCK 2494, LOT 20
257 FRANKLIN STREET
BROOKLYN, NEW YORK 11222

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EXECUTIVE SUMMARY

At the request of the New York City School Construction Authority (NYCSCA), TRC Engineers, Inc. (TRC) conducted a Phase II Environmental Site Investigation (ESI) of the proposed public school facility K14A located at 257 Franklin Street in Brooklyn, New York 11222 (Block 2494, Lot 20) (hereafter referred to as the "Site"). TRC understands that the NYCSCA is considering acquiring the Site for development of a public school facility. The Site is in an area that is primarily characterized by commercial and residential use.

The Site consists of an approximately 20,000-square foot (sf) lot improved with a vacant one-story building constructed slab-on-grade with an approximately 1,250 sf footprint that was constructed in 1935. The Site is also temporarily improved with two construction office trailers associated with the ongoing redevelopment of the adjacent parcel. Historically, the Site was used as an automobile repair facility, garage, and towing facility.

The Site is bounded to the north by Dupont Street followed by a playground; to the east by Franklin Street followed by low-rise residential and commercial buildings; to the south by a three-story residential building followed by Eagle Street; and, to the west by an active construction site.

TRC previously performed a Phase I Environmental Site Assessment (ESA) of the Site for the NYCSCA. The Phase I ESA Report dated September 22, 2023 identified the presence of on- and off-Site recognized environmental conditions (RECs) and/or vapor encroachment conditions (VECs). On-Site RECs/VECs identified include the presence of buried structures and debris, the historic use of the Site as an automobile repair facility, garage, and towing facility with a suspect underground storage tank (UST), the presence of methyl tert-butyl ether (MTBE) and lead in the groundwater at concentrations exceeding Class GA values, and its listing in the regulatory agency database with a E-designation for Hazardous Materials. Off-Site RECs include the presence of a documented phthalate, petroleum, and chlorinated solvent groundwater plumes, the historical presence of lumber yards; dry cleaning, chemical, manufacturing, commercial laundry, and automobile repair facilities; and nearby facilities listed in regulatory databases for Resource Conservation and Recovery Information System Generaotrs/Transporters (RCRIS Gen/Trans), NY Spills, Voluntary Cleanup Program (VCP), and E-designation databases. The Phase I ESA Report also identified environmental concerns associated with the potential presence of asbestos-containing materials (ACM), lead-based paint (LBP), polychlorinated biphenyl (PCB)-containing materials, debris associated with historic fill materials, potential buried structure, potential air emissions, and potential presence of per- and polyfluoroalkyl substances (PFAS).

The purpose of the Phase II ESI was threefold: 1) determine if the RECs, VECs, and environmental concerns identified in the Phase I ESA Report require special consideration and/or affect the suitability of the Site for use as a public school facility; 2) preliminarily characterize the environmental condition of the soil anticipated to be excavated for construction of the new school facility; 3) preliminarily characterize groundwater quality relative to New York City Department of Environmental Protection (NYCDEP) sewer use criteria, if groundwater is encountered less than 30 feet below the ground surface.

Phase II ESI field activities were performed on September 15, 2023 and between September 18 and 22, 2023 and consisted of geophysical survey; advancement of 12 soil borings; installation of eight (8) temporary soil-vapor sampling points, six (6) temporary groundwater monitoring wells, and one (1) permanent groundwater monitoring well; and the collection and laboratory analysis of soil, groundwater, and soil vapor samples. The investigation procedures were performed in accordance with the applicable guidelines listed in ASTM International (ASTM) Standard E1527-21, ASTM Standard E1903-19, ASTM

Standard E2600-15, the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation dated May 2010 (DER-10), and the New York City Mayor's Office of Environmental Remediation (OER) requirements.

Based on the results of the Phase II ESI, TRC concludes the following:

- The geophysical survey confirmed the locations of gas, sewer, electrical, and water lines that are located within the footprint of the Site. One anomaly (approximately 6 feet long and 2 feet wide) was identified adjacent to the northern wall of the existing one-story building in the location of the suspect UST. Sample locations were advanced in the locations clear of subsurface utilities and surrounding the identified anomaly/suspect UST.

- Twelve (12) soil borings were advanced at the Site to a maximum depth of approximately 20 feet below ground surface (bags) and bedrock was not encountered. Refusal was met at TRC-SB-101 and TRC-SB-104 at 18 and 18.5 feet bgs, respectively. From the ground surface to maximum depths ranging from 2.4 to 13.5 feet bgs, fill material consisting of gravel, fine to coarse sand, and trace building materials (i.e., asphalt, gravel, concrete, ash, and/or ceramic) was encountered in soil borings at the Site. The material below the identified fill generally consisted of brown fine to medium sand, clay, and silt.

- Four soil borings (TRC-SB-101 through -104) were advanced around the perimeter of a suspect UST located to the north of the Site building. Field evidence of potential contamination (i.e., maximum PID reading of 75.1 ppm, slight black staining, and/ or petroleum odors) was observed in two soil borings adjacent to a suspected UST (TRC-SB-104, located to the south of the anomaly, at a depth of 5 to 7 feet bgs, and TRC-SB-103, located to the west of the identified anomaly, at a depth of 8.5 to 9.5 feet bgs). One (1) volatile organic compound (VOC) (1,2,4-trimethylbenzene) was detected in soil sample TRC-SB-101 (8.5-9.5) at concentrations greater than General Fill Criteria (GFC) and the Soil Cleanup Levels (SCL), which may be attributed to historic impacts from the suspect UST.

- Groundwater was encountered at depths ranging from approximately 12 to 14 feet bgs.

- Methylene chlorine and trichloroethylene (TCE) were not detected in the soil vapor samples at concentrations above Air Guideline Values (AGV). Tetrachloroethylene (PCE) was detected in two (2) soil vapor samples at concentrations above the AGV. Based on a comparison of soil vapor VOC results to the Vapor Intrusion Decision Matrices, the recommended action is no further action, monitor, or mitigate, depending on the corresponding indoor air concentration and if the soil vapor results are representative of sub-slab vapor concentrations. The presence of VOCs in soil vapor is attributed to off-Site source(s), since with the exception of one petroleum-related VOC detected in soil proximate to the suspect UST, target constituents were not detected soil or groundwater samples above comparison criteria. Since low levels of PCE were detected in three (3) groundwater samples at concentrations below comparison criteria, the presence of PCE in soil vapor may be a result of nearby groundwater impacts.

- Seven (7) semivolatile organic compounds (SVOCs) and seven (7) metals were detected in soil and/or sediment samples at concentrations greater than GFC and/or SCLs. SVOCs and metals exceeding GFC in soil may be attributable to the characteristics of fill material at the Site. SVOCs

and metals exceeding GFC in sediment may be attributable to historic contaminated discharges to the floor drain.

- Herbicides were not detected in soil or sediment samples. In addition, PCBs and pesticides were not detected in the soil or sediment samples at concentrations above the GFC.

- In support of pre-design waste characterization, four (4) soil samples (TRC-SB-02[1-4], TRC-SB-05[11-13], TRC-SB-06[1-4], and TRC-SB-08[11.5-13.5]) were selected for analysis for total petroleum hydrocarbons-diesel and gasoline-range organics (TPH-DRO/GRO). The results of analysis of soil samples for TPH will not impact potential soil disposal options. Hexavalent chromium and cyanide were not detected at concentrations exceeding GFC. Five (5) soil samples (TRC-SB-02 [1-4], TRC-SB-DUP-01, TRC-SB-03 [1-4], TRC-SB-04 [1-4] and TRC-SB-101 [8.5-9.5]) and the sediment sample (TRC-SD-01) have the potential to exhibit hazardous waste characteristics for lead toxicity based on their total lead concentrations. Analysis of soil samples by the Toxicity Characteristic Leaching Procedure (TCLP) was prohibited by the site access agreement.

- No VOCs or PCBs were detected in the groundwater samples at concentrations above Class GA Values. The VOC MTBE and lead was previously detected in Site groundwater.

- Five (5) SVOCs (benzo[a] anthracene, benzo[a] pyrene, benzo[b] fluoranthene, chrysene, and indeno[1,2,3-cd]pyrene) were detected at concentrations greater than Class GA Values, which may be attributable to the quality of fill material at the Site.

- One (1) metal (selenium) was detected in two filtered groundwater samples at concentrations exceeding the Class GA Value. Based on the locations of selenium detections in groundwater above the Class GA Value (i.e., upgradient temporary wells) and the absence of selenium in Site soil above GFC, the presence of selenium in groundwater is attributed to an unknown off-Site source.

- No Sewer Use Discharge Parameters were detected above the NYCDEP Sewer Use Discharge Limit in the sewer discharge groundwater sample.

To address the RECs, VECs, and environmental concerns that require special considerations and/or have the potential to affect the suitability of the Site for use as a public school facility, the following are recommended:

- Based on the results of soil vapor sampling, a sub-slab depressurization system (SSDS) and soil vapor barrier should be integrated into the new building design including integration with any proposed damp-proofing or waterproofing components

- All material excavated during construction activities should be properly characterized and disposed, including collection and analysis of additional samples if required by the contractor-selected solid waste management facilities. Shallow soil in the northern portion of the Site and sediment in the Site building's floor drain have the potential to exhibit hazardous waste characteristics for lead toxicity. Soil in the vicinity of the suspect UST has the potential to exhibit petroleum impacts. The remainder of Site soil is expected to be characterized as non-hazardous excavated material. Pre-design waste characterization should be performed to confirm the presence of soil with hazardous waste characteristics.

- In order to satisfy regulatory requirements as they pertain to the Site's E-designation, remediation at the Site should be performed with oversight from OER.

- Completion of an Outdoor Air Assessment (OAA) to evaluate regional and local air quality at the Site and provide recommendations for further building ventilation design considerations, as applicable.

- The suspect UST, if encountered during construction, should be cleaned and removed, petroleum-contaminated material should be removed and disposed of at a facility permitted to accept such waste, and confirmatory endpoint samples should be collected for laboratory analysis. UST closure must be completed in accordance with all applicable laws and regulations.

- If dewatering is necessary during school construction activities, dewatering must be performed in accordance with applicable local, state and federal regulations. Dewatering required during construction should be minimized to mitigate potential influx of contaminated water from off-site sources toward the Site.

- If landscaped areas are incorporated into the development of the Site, any exposed soil should be covered with at least 2 feet of environmentally clean fill.

- Suspect ACM, LBP, and/or PCB-containing materials affected by Site redevelopment should be properly managed during construction or demolition activities in accordance with applicable regulations and NYCSCA policies and procedures.

Based on the Phase II ESI results, additional investigation is not recommended for the Site. A description of the recommended engineering controls and associated cost estimate is included in *Appendix E*.

1.0 INTRODUCTION

1.1 Purpose

At the request of New York City School Construction Authority (NYCSCA), TRC Engineers, Inc. (TRC) conducted a Phase II Environmental Site Investigation (ESI) of the proposed public school facility K14A located at 257 Franklin Street in Brooklyn, New York 11222 (Block 2494, Lot 20) (hereafter referred to as the "Site"). The Site is in an area that is primarily characterized commercial and residential use. *Figure 1* presents a Site Location Map.

A feasibility study or test fit/sketch study was not prepared for the Site by the NYCSCA. There are no New York City Department of Education (NYCDOE) schools located within two blocks of the Site.

The New York City Department of City Planning (NYCDCP) zoning map 12c indicates that the Site is designated as zone R6 and R8, which are residential districts. The Site is located within the Greenpoint-Williamsburg Rezoning area (CEQR No. 04DCP003K) and contains an "E" Designation for noise, air, and hazardous materials.

This Phase II ESI was performed as a follow up to the Phase I Environmental Site Assessment (ESA), prepared by TRC, dated September 22, 2023. Its purpose is to determine if there are any recognized environmental conditions (RECs), vapor encroachment conditions (VECs), or environmental concerns identified on the property or adjacent areas that require special considerations and/or may have affected the suitability of the Site for use as a public school facility (see Section 1.3) and to satisfy the New York City Mayor's Office of Environmental Remediation (OER) guidelines and NYCSCA Phase II ESI protocols. The analytical data collected during this study will also assist in preliminarily characterizing the soil and groundwater anticipated to be encountered during construction of the school facility.

To accomplish these objectives, Phase II ESI field activities were performed on September 15, 2023 and between September 18 and 22, 2023 and consisted of advancement of 12 soil borings; installation of six (6) temporary groundwater monitoring wells, one (1) permanent groundwater monitoring well, and eight (8) soil vapor sampling points; and, collection and laboratory analysis of soil, groundwater, and soil vapor samples.

1.2 User Reliance

This report has been prepared for the sole benefit of NYCSCA. The report may not be relied upon by any other entity without the express written consent of TRC and NYCSCA.

1.3 Recognized Environmental Conditions, Vapor Encroachment Conditions, and Environmental Concerns

The Phase I ESA of the Site identified the following RECs, VECs, and environmental concerns in connection with the Site:

<u>On-Site RECs/VECs:</u>

- The presence of buried structures and debris resulting from demolition of previous on-Site structures. Results of prior subsurface investigation completed at the Site revealed the presence of semi volatile organic compounds (SVOCs) and metals in soil at concentrations exceeding the

corresponding soil cleanup objectives, likely attributed to the presence of fill material. Historic fill of unknown origin and suspect buried structures have negatively impacted the Site.

- The historic use of the Site as an automobile repair facility, garage, and towing facility between circa 1916 and 2013. A geophysical survey conducted at the Site in 2008 identified the potential presence of an underground storage tank (UST) at the Site.

- Results of prior subsurface investigations revealed the presence of methyl tert-butyl ether (MTBE) and lead in groundwater at concentrations exceeding Class GA Values, potentially attributed to the historic on-Site use of gasoline tanks.

- The Site is listed with an E-Designation for Hazardous Materials, Air Quality, and Noise.

Off-Site RECs/CRECs/VECs:

- The presence of an adjacent facility "Nuhart & Company" (also known as "Harte & Co." and "Dynamit Nobel-Harte, Inc.") with a documented phthalate, petroleum, and chlorinated solvent groundwater plume with off-site migration. The facility is also listed as a State Hazardous Waste Site (SHWS) and as a historic large quantity generator (LQG) with reported violations, and in the Chemical Bulk Storage (CBS), New York Spills (NY Spills), and Brownfield Cleanup Program (BCP) databases.

- The historic presence of a dry cleaning facility, lumber yards, chemical facilities, manufacturing facilities, commercial laundries, and automobile repair facilities in close proximity to the Site.

- Nearby facilities listed in the following regulatory agency databases: Resource Conservation and Recovery Information System Generators/Transporters (RCRIS Gen/Trans), NY Spills, Voluntary Cleanup Program (VCP), and E-designation databases.

Environmental Concerns:

- The potential presence of asbestos-containing materials (ACM), lead-based paint (LBP), and polychlorinated biphenyl (PCB)-containing materials or debris associated with historic fill material, potential buried structures, and on-Site structures.

- Potential air emissions from the facility located at 233 Franklin Street that is listed in the US Aerometric Informational Retrieval System (US AIRS) database for minor air emissions and is located in close proximity to the Site.

- PFAS-containing products may have been used during historic commercial clothes laundering at the south-adjacent property ("Roamer Linen Supply Inc.") between 1951 and 2006, which is considered an environmental concern.

A Site Plan showing the physical layout of the Site and adjacent land use is presented as *Figure 2*.

2.0 DESCRIPTION OF PHASE II ESI FIELD ACTIVITIES

Phase II ESI field activities were performed between September 18 and 22, 2023 and included the following:

- A geophysical survey of accessible areas of the Site to determine the location and extent of any subsurface anomalies (e.g., subsurface piping and utility lines, buried foundations and structures, underground storage tanks, etc.), and to verify that the proposed boring locations were clear of subsurface utilities and structures;

- Installation of eight (8) soil vapor probes and the collection and laboratory analysis of a soil vapor sample from each point;

- Advancement of twelve (12) soil borings; continuous soil sampling to a maximum depth of approximately 20 feet below ground surface (bgs); and selection of 22 discrete soil samples, one (1) sediment sample, and three (3) duplicate soil samples for laboratory analyses; and,

- Installation of six (6) temporary monitoring wells, one (1) permanent monitoring well and collection and laboratory analysis of seven (7) groundwater samples and one (1) duplicate groundwater sample.

A Sample Location Plan that depicts Site features, sampling locations, and presumed groundwater flow direction is provided as *Figure 3*. Representative photographs of the field investigation activities including the condition of the Site prior to and following the investigation are included in *Appendix A*.

The Phase II ESI was conducted in general accordance with TRC's Phase II ESI Scope of Work dated May 23, 2023, and *revised* July 5, 2023, with the following exceptions:

- A trip blank sample was not submitted to the laboratory for analysis.
- Groundwater samples TRC-GW-01 and TRC-GW-08 were not analyzed for 1,4-dioxane or PFAS.

The scope of work and sampling protocols generally comply with the New York City Mayor's Office of Environmental Remediation (OER).

2.1 Geophysical Survey

A geophysical survey was performed on September 15 and 19, 2023, by Hager-Richter Geoscience, Inc., of Salem, New Hampshire to determine the location and extent of subsurface anomalies (e.g., USTs and associated ancillary piping, suspect dry wells, subsurface utility lines, buried foundations and structures, etc.) and to verify that the proposed sample locations were clear of subsurface structures and utilities. The geophysical survey equipment consisted of a Noggin 250-Megahertz (MHz) ground penetrating radar (GPR) with a shielded antenna and Radio Detection RD8200 electromagnetic Precision Utility Location (PUL).

The Site was first screened using the GPR by passing the instrument over accessible areas of the Site in 5-foot by 5-foot traverses. If evidence of anomalies was observed, the PUL device was then used to determine if the anomalies were utilities or other subsurface metal objects. Finally, GPR profiles were collected over each metal-detector anomaly and inspected for reflections, which could be indicative of

USTs. Sample locations were established in areas that did not conflict with identified subsurface structures or utilities. A copy of the geophysical survey report is attached as *Appendix B*.

The findings from the geophysical survey are described in Section 5.1.

2.2 Asbestos Clearance

ACM clearance was not required for this scope of work because the site does not currently contain a school and the permanent structure where one (1) soil boring (TRC-SB-104) was advanced is unoccupied/abandoned.

2.3 Soil Vapor Survey

A soil vapor survey was conducted as part of the Phase II ESI to evaluate the potential for vapor intrusion at the Site. Eight (8) soil vapor samples were collected for laboratory analysis. The locations of the soil vapor sampling points are shown on *Figure 3*. The soil vapor sampling program was completed on September 19, 2023 and September 20, 2023, in conformance with the applicable procedures described in ASTM International (ASTM) E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" and the October 2006 New York State Department of Health (NYSDOH) "Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (NYSDOH Vapor Intrusion Guidance Document) protocols. Aquifer Drilling & Testing Inc. (ADT) of Mineola, New York was retained as a subcontractor by TRC for drilling services.

The rationale for selection of soil vapor sample locations (TRC-SV-01 through TRC-SV-08) was to provide for spatial coverage across the location of the proposed structure and investigate potential impacts from on- and off-Site RECs/VECs.

The soil vapor samples were collected using a direct-drive system (i.e., Geoprobe). The 6-inch long stainless steel soil vapor probe, connected to polyethylene tubing, was driven to five (5) feet bgs via a 1.5-inch diameter hollow probe rod fitted with an expendable stainless steel drive point. The hollow probe rod was then removed and the annular space surrounding the vapor point was filled with clean sand.

An air-tight seal was created at the surface of each soil vapor point using hydrated bentonite, in accordance with the NYSDOH Vapor Intrusion Guidance Document.

The adequacy of each seal was tested using a shroud to seal the borehole from ambient air. Helium tracer gas was then pumped into the shroud. The above grade end of the tubing, which is the sample collection point, was attached to a helium gas detector and the adequacy of the seal was verified by direct helium readings of less than 10 percent. Each of the temporary soil vapor probes were then purged using a photoionization detector (PID) to evacuate approximately three volumes of soil vapor. Maximum PID readings detected at soil vapor points are presented in the following table:

Soil Vapor Sample Location	PID Reading (ppm)
TRC-SV-01	0.0
TRC-SV-02	4.1
TRC-SV-03	0.0
TRC-SV-04	0.7
TRC-SV-05	0.0
TRC-SV-06	0.0
TRC-SV-07	27.7
TRC-SV-08	0.4

Note:
ppm – parts per million

After purging, each probe was connected by polyethylene tubing to a laboratory-supplied individually certified-clean 6-liter Summa canister equipped with a 0.05 liter per minute (L/min) flow regulator.

Soil vapor samples were collected in Summa canisters for an approximate 120-minute sampling period. Upon completion, each vapor point was removed, boreholes were backfilled to near grade surface with clean sand/bentonite and the ground surface was restored to its original condition (i.e., patched with asphalt). Photos documenting the condition of the sampling locations prior to the investigative activities and following surface repair are provided in *Appendix A*.

The soil vapor samples were analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method TO-15 for a list of 26 petroleum- and chlorinated solvent-related VOCs. The Summa canisters were properly labeled and transported via courier to Alpha Analytical Laboratories (Alpha) of Mansfield, MA for analysis utilizing standard chain-of-custody procedures. Alpha is a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified analytical laboratory, whose current ELAP certification has been verified by TRC.

2.4 Soil Investigation

A soil sampling program was conducted as part of the Phase II ESI. Soil samples were collected to assess current environmental conditions to characterize subsurface soil at the Site. The locations of the soil borings at the Site as part of the Phase II ESI are presented on *Figure 3*. Soil sampling was conducted in general accordance with the procedures set forth in the New York State Department of Environmental Conservation (NYSDEC) DER-10 Technical Guidance for Site Investigation and Remediation, dated May 2010 (DER-10).

The subsurface soil sampling program was performed from September 18 through 21, 2023. ADT of Mineola, New York was retained as a subcontractor by TRC for drilling services. Direct push drilling methods, utilizing a track-mounted direct drive rig, were used to retrieve soil samples. Soil samples were collected and screened for evidence of contamination (e.g., staining, odors, etc.) continuously from the ground surface to the terminal depth of each boring in 5-foot long, 2-inch diameter macrocore samplers lined with acetate sleeves. A description of the soils retained in each macrocore was logged by TRC's on-Site environmental scientist and the soils were screened with a PID for the presence of VOCs.

A description of soils from each boring is presented below:

- Soil boring TRC-SB-01 was advanced through asphalt in the northwestern portion of the Site to provide spatial coverage and to investigate potential impacts from on-Site RECs. Two (2) soil

samples, collected from 1.0 to 4.0 feet bgs (zone most likely to represent fill material) and 10.0 to 12.0 feet bgs (interval immediately above the observed water table), were selected for laboratory analysis. Additionally, one duplicate sample was collected from the 1.0 to 4.0 feet bgs sample interval.

- Soil boring TRC-SB-02 was advanced through asphalt in the northern portion of the Site, to provide spatial coverage and to investigate potential impacts from on-Site RECs. Two (2) soil samples, collected from 1.0 to 4.0 feet bgs (zone most likely to represent fill material), and 11.5 to 13.5 feet bgs (interval immediately above the observed water table), were selected for laboratory analysis.

- Soil boring TRC-SB-03 was advanced through asphalt in the northeastern portion of the Site to provide spatial coverage and to investigate potential impacts from on-Site RECs. Two (2) soil samples, collected from 1.0 to 4.0 feet bgs (zone most likely to represent fill material) and 10.0 to 12.0 feet bgs (interval immediately above the observed water table), were selected for laboratory analysis.

- Soil boring TRC-SB-04 was advanced through asphalt in the eastern to central portion of the Site to provide spatial coverage and to investigate potential impacts from on-Site RECs. Two (2) soil samples, collected from 1.0 to 4.0 feet bgs (zone most likely to represent fill material) and 12.0 to 14.0 feet bgs (interval immediately above the observed water table), were selected for laboratory analysis.

- Soil boring TRC-SB-05 was advanced through asphalt in the western to central portion of the Site to provide spatial coverage and to investigate potential impacts from on-Site RECs. Two (2) soil samples, collected from 1.0 to 4.0 feet bgs (zone most likely to represent fill material) and 11.0 to 13.0 (interval immediately above the observed water table) feet bgs, were selected for laboratory analysis. One (1) sample collected from 11.0 to 13.0 feet bgs was analyzed for waste characterization parameters.

- Soil boring TRC-SB-06 was advanced through asphalt in the western portion of the Site to provide spatial coverage and to investigate potential impacts from off-Site RECs. Two (2) soil samples, collected from 1.0 to 4.0 feet bgs (zone most likely to represent fill material) and 11.0 to 13.0 feet bgs (interval immediately above the observed water table), were selected for laboratory analysis. One (1) sample collected from 1.0 to 4.0 feet bgs was analyzed for waste characterization parameters.

- Soil boring TRC-SB-07 was advanced through asphalt in the southern portion of the Site to provide spatial coverage and to investigate potential impacts from off-Site RECs. Two (2) soil samples, collected from 1.0 to 4.0 feet bgs (zone most likely to represent fill material) and 11.0 to 13.0 feet bgs (interval immediately above the observed water table), were selected for laboratory analysis.

- Soil boring TRC-SB-08 was advanced through asphalt in the southeast corner of the Site to provide spatial coverage to investigate potential impacts from off-Site RECs. Two (2) soil samples, collected from 1.0 to 4.0 feet bgs (zone most likely to represent fill material) and 11.5 to 13.5 feet bgs (interval immediately above the observed water table), were selected for laboratory analysis. One (1) sample collected from 11.5 to 13.5 feet bgs was analyzed for waste characterization parameters.

- Soil boring TRC-SB-101 was advanced through asphalt in the eastern portion of the Site, north of the building and adjacent to the approximate location of the potential UST, to investigate potential impacts from on-Site RECs. Two (2) soil samples, collected from 8.5 to 9.5 feet bgs (most impacted zone) and 10.5 to 12.5 feet bgs (first underlying clean interval), were selected for laboratory analysis.

- Soil boring TRC-SB-102 was advanced through asphalt in the eastern portion of the Site, north of the building and adjacent to the approximate location of the suspect UST, to investigate potential impacts from on-Site RECs. One (1) soil sample, collected from 8.0 to 10.0 feet bgs (approximately 1 to 3 feet below the invert of the suspect UST), was selected for laboratory analysis.

- Soil boring TRC-SB-103 was advanced through asphalt in the eastern portion of the Site, north of the building and adjacent to the approximate location of the suspect UST, to investigate potential impacts from on-Site RECs. One (1) soil sample, collected from 8.0 to 10.0 feet bgs (approximately 1 to 3 feet below the invert of the suspect UST), was selected for laboratory analysis.

- Soil boring TRC-SB-104 was advanced within the building through the building slab to investigate potential impacts from on-Site RECs. Two (2) soil samples, collected from 5.0 to 7.0 feet bgs (most impacted zone) and 8.0 to 10.0 feet bgs (first underlying clean interval), were selected for laboratory analysis.

Summary of PID Screening and Soil Sample Analytical Plan

Soil Boring Number	Terminal Depth of Boring (feet bgs)	Sample Interval Selected for Analysis (feet bgs)	Maximum PID Reading (ppm)	TCL and CP-51 VOCs + TICs	TCL and CP-51 SVOCs + TICs	TCL Pesticides	Herbicide (Silvex and 2,4,5-T)	PCBs	TAL Metals*	Hexavalent Chromium and Cyanide	TPH DRO / GRO	PFAS	Lead**
TRC-SB-01	20	1-4(1)	9.6	X	X	X	X	X	X	X		X	
		10-12		X	X			X	X	X			
TRC-SB-02	20	1-4(2)	ND	X	X	X	X	X	X	X			
		11.5-13.5		X	X	X	X	X	X	X	X		
TRC-SB-03	20	1-4	3.1	X	X	X	X	X	X	X			
		10-12		X	X	X	X	X	X	X			
TRC-SB-04	20	1-4	ND	X	X	X	X	X	X	X			
		12-14		X	X			X	X	X			
TRC-SB-05	20	1-4	0.4	X	X	X	X	X	X	X			
		11-13		X	X			X	X	X	X		
TRC-SB-06	20	1-4	ND	X	X	X	X	X	X	X	X		
		11-13		X	X			X	X	X			

Soil Boring Number	Terminal Depth of Boring (feet bgs)	Sample Interval Selected for Analysis (feet bgs)	Maximum PID Reading (ppm)	TCL and CP-51 VOCs + TICs	TCL and CP-51 SVOCs + TICs	TCL Pesticides	Herbicide (Silvex and 2,4,5-T)	PCBs	TAL Metals*	Hexavalent Chromium and Cyanide	TPH DRO / GRO	PFAS	Lead**
TRC-SB-07	20	1-4	ND	X	X	X	X	X	X	X			
		11-13		X	X			X	X	X			
TRC-SB-08	20	1-4	ND	X	X	X	X	X	X	X			
		11.5-13.5		X	X			X	X	X	X		
TRC-SB-101	18	8.5-9.5	75.1	X	X								X
		10.5-12.5(3)		X	X								X
TRC-SB-102	20	8-10	2.2	X	X								X
TRC-SB-103	20	8-10	ND	X	X								X
TRC-SB-104	18.5	5-7	ND	X	X								X
		8-10		X	X								X

Notes:
X – Sample analysis performed
* – Less aluminum, calcium, cobalt, iron, magnesium, potassium, sodium, and vanadium
** – Select soil samples were analyzed for lead only. Note that TAL Metals analysis also includes analysis for total lead.
ppm – parts per million
(1) One (1) duplicate soil sample (TRC-SB-DUP-02), duplicate sample of TRC-SB-01 (1-4), was selected for laboratory analysis for PFAS only.
(2) One (1) duplicate soil sample (TRC-SB-DUP-01), duplicate sample of TRC-SB-02 (1-4), was selected for laboratory analysis.
(3) One (1) duplicate soil sample (TRC-SB-DUP-03), duplicate sample of TRC-SB-101 (10.5-12.5), was selected for laboratory analysis.

bgs – Below ground surface
GRO – Gasoline-range organics
PCBs – Polychlorinated biphenyls
PPM – Parts per million
SVOCs – Semivolatile organic compounds
TCL – Target Compound List
TPH – Total petroleum hydrocarbons
DRO – Diesel-range organics
ND – Not detected
PFAS – Per- and polyfluoroalkyl substances
RCRA – Resource Conservation and Recovery Act
TAL – Target Analyte List
TICs – Tentatively identified compounds
VOCs – Volatile organic compounds

The following criteria were applied in selecting soil samples for laboratory analysis:

At soil borings TRC-SB-01 through TRC-SB-08, there were no indications of contamination (e.g., elevated PID readings, staining, or odor) observed in the soil samples other than identification of fill material. Since no apparent impacted soils were identified, in each soil boring one (1) shallow sample from the zone containing shallow fill material most likely to be affected by the proposed construction at the Site and one (1) deep sample from the zone at the 2-foot interval directly above the water table were selected for analysis.

At soil borings TRC-SB-102 and TRC-SB-103, there were no indications of contamination (e.g., elevated PID readings, staining, or odor) observed in the soil samples. Since no apparent impacted soils were

identified, in each boring one (1) sample was selected for laboratory analysis from approximately to 3 feet below the invert of the suspect UST.

At TRC-SB-101 and TRC-SB-104, there were indications of contamination (i.e., maximum PID reading of 75.1 ppm, slight black staining, and/ or petroleum odors) observed in the soil samples. In each soil boring, one (1) sample from the most impacted zone and one (1) sample from the first underlying apparent clean interval were selected for laboratory analysis.

The samples were collected and containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a chilled cooler for transport via courier to Alpha Analytical of Westborough, MA and Mansfield, MA. Alpha Analytical is a NYSDOH ELAP-certified analytical laboratory, whose current certification has been verified by TRC. Standard chain-of-custody procedures were followed.

Upon completion of sampling, each boring was backfilled to near grade with the drill cuttings and the ground surface was restored (i.e., cold patched with asphalt).

Soil boring logs, including the PID responses for each sample, are provided in *Appendix C*. Photographs documenting the condition of the sampling locations prior to the investigative activities and following surface repair are provided in *Appendix A*.

2.5 Groundwater Investigation

A groundwater sampling program was conducted as part of the Phase II ESI. Groundwater samples were collected to assess the current environmental conditions of groundwater at the Site. Locations of the temporary monitoring wells are presented on *Figure 3*. Groundwater sampling was conducted in accordance with the procedures set forth in the NYSDEC DER-10.

The groundwater sampling program was completed on September 18 through 20, 2023. ADT was retained as a subcontractor by TRC for drilling services.

Groundwater samples were collected from temporary monitoring wells TRC-GW-01, TRC-GW-03, TRC-GW-06, and TRC-GW-08, which were installed at respective soil boring locations TRC-SB-01, TRC-SB-03, TRC-SB-06, and TRC-SB-08.

The groundwater samples were collected by installing temporary 1-inch diameter Schedule 40 polyvinyl chloride (PVC) well casing with 10 feet of 10-slot well screen that intersected the water table. The annular space surrounding the well casing was filled with Morie No. 1 sand from the base of the boring to approximately 2 feet above the screened interval. Groundwater was encountered at depths ranging from 11.96 to 14.68 feet bgs.

Prior to groundwater sample collection, the monitoring points were purged using a peristaltic pump fitted with dedicated, disposable polyethylene tubing. During purging, field parameters (turbidity, pH, temperature, conductivity, oxidation-reduction potential, total dissolved solids, and dissolved oxygen) were monitored using a Horiba U-52 Water Quality Meter. Temporary monitoring points were purged until groundwater parameters stabilized. There were no visual or olfactory indications of contamination (e.g., sheen or odor) observed in the groundwater samples.

Following groundwater sampling, in support of the geotechnical investigation, one temporary well (TRC-GW-03) was finished as a permanent observation well. The annular space surrounding the well casing was packed with Morie No. 1 sand from the base of the boring to approximately 2 feet above the screened interval, a 2-feet bentonite seal above the sand pack, a grout-constructed collar, and a flush-mounted outer protective casing. A well construction log is provided in *Appendix H*.

A summary of groundwater field screening results and the groundwater sample analytical plan is presented in the table below.

Groundwater Sample Analytical Plan

Sample ID / Well Number	Depth to Water (feet bgs)	Sheen or Odor	TCL and CP-51 VOCs + TICs	TCL and CP-51 SVOCs + TICs	PCBs	TAL Metals* (unfiltered)	TAL Metals* (filtered)	NYCDEP Sewer Use Discharge Parameters	PFAS	1,4-Dioxane
TRC-GW-01	11.96	None	X	X	X	X	X			
TRC-GW-03[(1)]	12.80	None	X	X	X	X	X		X	X
TRC-GW-06	13.90	None	X	X	X	X	X			
TRC-GW-08	14.68	None	X	X	X	X	X	X		

Notes:
X – Sample analysis performed
* – Less aluminum, calcium, iron, magnesium, potassium, and sodium
[(1)]One (1) duplicate groundwater sample (TRC-DUP-GW-01), duplicate sample of TRC-GW-03, was selected for laboratory analysis.
PCBs – Polychlorinated biphenyls
SVOCs – Semivolatile organic compounds
TCL – Target Compound List
VOCs – Volatile organic compounds
PFAS – Per- and polyfluoroalkyl substances
TAL – Target Analyte List
TICs – Tentatively identified compounds

Samples were collected and containerized in accordance with NYSDEC/USEPA protocols. Each container was properly labeled, preserved, and placed in a cooler for transport via courier to Alpha of Westborough, MA and Mansfield, MA. Alpha is a NYSDOH ELAP-certified analytical laboratory, whose current ELAP certification has been verified by TRC. Standard chain-of-custody procedures were followed.

2.6 Non-Aqueous Phase Liquid

Each newly-installed temporary monitoring well was gauged with an oil-water interface probe for the presence of non-aqueous phase liquid (NAPL). No NAPL was encountered.

2.7 Preliminary Waste Characterization

The objective of this investigation is to provide a preliminary evaluation of the material characteristics for disposal purposes. This investigation is not a substitute for waste characterization sampling required by a

specific disposal facility. Completing a site-specific waste characterization for excavated/removed material during school construction is the responsibility of the construction contractor.

2.7.1 Pre-Design Waste Characterization[1]

Four (4) soil samples from borings TRC-SB-02, TRC-SB-05, TRC-SB-06, and TRC-SB-08 were analyzed for generic waste characterization parameters including total petroleum hydrocarbons diesel- and gasoline-range organics (TPH-DRO/GRO). These boring locations were chosen for waste characterization purposes to provide for spatial coverage across the Site. In addition, soil samples collected from soil borings TRC-SB-01 through -08 and one sediment sample were analyzed for hexavalent chromium and cyanide.

2.8 Sediment Investigation

Additional investigation conducted as part of the Phase II ESI consisted of a visual inspection of the floor drain within the Site building, collection of PID readings within the floor drain, and sediment sampling within the floor drain. The additional investigation was performed on September 19, 2023. Maximum PID readings of 0.0 ppm were recorded. Sediment sample TRC-SD-01 was collected and containerized in laboratory-supplied glassware, placed in a cooler with ice, and transported via courier to Alpha of Westborough, MA, a NYSDOH ELAP-certified laboratory, whose current ELAP certification has been verified by TRC. Standard chain-of-custody procedures were followed. TRC-SD-01 was analyzed for TCL/CP-51-listed VOCs +TICs, TCL and CP-51-listed SVOCs+TICs, TCL PCBs, TCL pesticides, herbicides (Silvex and 2,4,5-T), TAL metals (less Al, Ca, Co, Fe, K, Mg, Na, and V), cyanide, hexavalent chromium, and TPH DRO/GRO.

[1] In accordance with the approved scope of work and Access Agreement, samples with total analyte concentration(s) that have the potential to exhibit hazardous waste characteristics of toxicity (total analyte concentrations >20 times the corresponding RCRA Regulatory Level for toxicity) were not analyzed by the laboratory for those analyte(s) by the toxicity characteristic leaching procedure (TCLP).

3.0 SITE DESCRIPTION AND PHYSICAL CHARACTERISTICS

The Site consists of a 20,000 square foot (sf) lot improved with a with a vacant one-story building constructed slab-on-grade with an approximately 1,250 sf footprint. The Site is also temporarily improved with two construction office trailers associated with the ongoing redevelopment of the adjacent parcel. The remainder of the Site consists of asphalt-paved parking areas. Historically, the Site was occupied by residential buildings, a garage/repair shop with a gasoline pump and UST, and lumber storage with a pumphouse and gasoline tank. TRC understands that the NYCSCA is considering acquiring the Site for development of a public school facility.

The Site is bounded to the north by Dupont Street followed by a playground; to the east by Franklin Street followed by low-rise residential and commercial buildings; to the south by a three-story residential building; and, to the west by an active construction site.

Stormwater is managed via infiltration into the ground surface and drains located in adjacent roadbeds to the New York City Department of Environmental Protection (NYCDEP) combined sewer system. No dry wells, monitoring wells, or catch basins were observed at the Site. The geophysical survey identified anomalies indicative of a potential subsurface utility and small unidentified buried structures throughout the Site (inconsistent with a buried tank or drainage features).

3.1 Topography

Based on a review of the United States Geological Survey (USGS) 7.5-Minute Quadrangle Map, Brooklyn, New York, dated 2019 the elevation of the Site is approximately 12 feet above mean sea level (amsl). The topography of the immediate Site area was observed to be generally level.

3.2 Geology

Geological surface features (e.g., rock outcroppings) were not observed on the Site. Brooklyn is located within the Atlantic Coastal lowlands physiographic province of New York State. The subsurface geology of Kings County (Brooklyn) is characterized by Cretaceous strata between Precambrian bedrock consisting of gneiss and schist and Precambrian bedrock and Pleistocene glacial deposits. Present day surface features and topography in New York are primarily attributable to the most recent glaciation event. The area is underlain by deposits of glacial outwash sediments, which are typically comprised of sand and gravel. Soil and bedrock stratigraphy throughout Brooklyn typically consist of a layer of historical fill that overlies glacial outwash sediments, unconsolidated deposits, and bedrock. Based on available information, (Soren, Julian, and Simmons, 1987), the depth to bedrock in the area is estimated to be approximately 550 feet bgs.

Bedrock was not encountered during the Phase II ESI. Fill material consisting of black gravel, medium to coarse sand, red brick, black asphalt, concrete, ash, ceramic, and trace wood was encountered at the Site from the ground surface to maximum depths ranging from 2.4 to 13.5 feet bgs.

3.3 Hydrogeology

The Site is located approximately 500 feet east of the East River. Based on nearby topographic contours indicated in the USGS 7.5-Minute Quadrangle Map (Brooklyn, 2019 and Central Park, 2019), topography in the vicinity of the Site slopes towards the northwest. Generally, groundwater contour lines mimic the surface topography and groundwater flow direction is perpendicular to these contour lines, flowing from

higher to lower elevation. Based on the review of the USGS Hydraulic Conditions Map for Long Island, NY 2013 (USGS Long Island Depth to Water Viewer and Groundwater Conditions on Long Island New York in 2013), the regional groundwater flow in the area of the Site is assumed to be toward the west, in the direction of the East River.

During the Phase II ESI, groundwater was encountered at depths ranging from 11.96 to 14.68 feet bgs. Groundwater in this portion of Brooklyn is not used as a source of potable water. The estimated groundwater levels and/or flow directions may vary due to seasonal fluctuations in precipitation, local use demands, geology, underground structures, and dewatering operations.

4.0 DATA QUALITY REVIEW

Field sampling procedures were conducted in accordance with applicable regulatory guidance and best industry practices. Quality control samples, including an equipment blank, field duplicate soil and groundwater samples, and trip blank samples, were collected to evaluate the precision and accuracy of the sampling techniques and the potential for cross-contamination.

Equipment Blank: Since dedicated sampling equipment was utilized, equipment blank samples were not collected.

Field Duplicate: Additional aliquots of soil samples TRC-SB-01 (1-4), TRC-SB-02 (1-4), and TRC-SB-101 (10.5-12.5) and groundwater sample TRC-GW-03 were submitted to the laboratory for duplicate analyses to evaluate the analytical reproducibility. Duplicate soil and groundwater samples were submitted for analysis at a frequency of one duplicate per 20 samples.

Laboratory Quality Control Sample Analyses: In accordance with the applicable ELAP-approved analytical methods, quality control samples such as method blanks, laboratory control samples, and matrix spike samples were analyzed by the laboratory at the required frequency to evaluate the accuracy and precision of the analytical instrumentation. Laboratory quality control sample recoveries that were found to be outside of the method limits are documented in the laboratory analytical report with qualifiers on the applicable data.

Dilution Factors: TRC-SV-01 and TRC-SV-04 were diluted to a factor of 2. TRC-SV-05, TRC-SV-06, and TRC-SV-08 were diluted to a factor of 2.941. TRC-SV-07 was diluted to a factor of 10. The samples have elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the samples; however, target compounds were detected above comparison values, so the elevated reporting limits do not impact the conclusions/or recommendations of this report.

Note that VOC Trip Blanks were inadvertently not submitted for analysis with the VOC groundwater samples; however, since VOCs were not detected in groundwater above comparison criteria (refer to Section 5.4.1), an analysis for the potential for sample contamination during shipment was not warranted.

Based on a review of the laboratory analytical reports, no data quality issues were identified that may impact the conclusions and/or recommendations of this report.

5.0 DISCUSSION OF FINDINGS

This section presents a discussion of the findings of the Phase II ESI. The laboratory results are summarized in Tables 1 through 12. The complete laboratory analytical data packages are included in *Appendix D*.

5.1 Geophysical Survey Findings

The geophysical survey was conducted on September 15 and 19, 2023 and included the assessment of whether the proposed subsurface sampling locations conflicted with underground structures or utilities and was used to determine the location and extent of subsurface anomalies (e.g., buried foundations, USTs, piping, conduits, etc.). Portions of the Site were inaccessible (i.e., blocked by vehicles, trailers, construction equipment, materials storage, and vegetation) at the time of the geophysical survey. The geophysical survey identified an anomaly that was approximately 6 feet long and 2 feet wide to the north of the Site building that may be consistent with a UST; however, the presence of a UST was not able to be confirmed. An anomaly resembling a potential subsurface utility on the western end of the Site and anomalies consistent with small unidentified buried objects beneath the Site building were identified during the geophysical survey. No utilities that conflicted with proposed sampling locations were identified. The geophysical survey instrumentation was limited to a depth of 2 feet due to poor signal penetration. A detailed description of the geophysical survey and explanation for the limitations of the geophysical survey is provided in the geophysical survey report in *Appendix B*.

5.2 Soil Vapor Survey Findings

Analytical results for soil vapor samples were compared to the NYSDOH Air Guideline Values (AGVs) presented in the NYSDOH Vapor Intrusion Guidance Document, NYSDOH's Tetrachloroethene (Perc) in Indoor and Outdoor Air September 2013 Fact Sheet ("NYSDOH Perc Fact Sheet"), and NYSDOH's Trichloroethene (TCE) in Indoor and Outdoor Air August 2015 Fact Sheet ("NYSDOH TCE Fact Sheet").

Soil vapor sample results were also compared to the upper range of indoor air concentrations from Appendix C of the Vapor Intrusion Guidance Document:

- Upper Fence Limit indoor air concentrations from "Table C-1. NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes;"
- 90th Percentile indoor air concentrations from "Table C-2. EPA 2001: Building Assessment and Survey Evaluation (BASE) Database, SUMMA® canister method;" and,
- 95th Percentile Indoor Air Values from "Table C-5, Health Effects Institute (HEI) 2005: Relationship of Indoor, Outdoor and Personal Air" data.

The results of the analyses of the soil vapor samples were also compared to Matrices A, B, and C of the May 2017 Vapor Intrusion Decision Matrices updates to the NYSDOH Vapor Intrusion Guidance Document ("Vapor Intrusion Decision Matrices"). Note that the matrices rely in part on analytical results from indoor air samples, which were not collected as part of the Phase II ESI, and on sub-slab vapor sampling results. Soil vapor sampling results were compared to sub-slab vapor sampling criteria presented in the matrices for screening purposes only.

The laboratory analytical reports are provided in *Appendix D*.

5.2.1 Volatile Organic Compounds in Soil Vapor

VOCs detected in soil vapor samples above the comparison criteria are summarized in the following table.

Summary of VOC Concentrations Greater than AGVs and/or Range of Published Background Concentrations in Soil Vapor

Sample ID µg/m³	TRC-SV-01	TRC-SV-04	TRC-SV-05	TRC-SV-06	TRC-SV-07	TRC-SV-08	NYSDOH AGV	Range of Published Background Concentrations		
								Upper Fence Limit	90th Percentile	95th Percentile
Benzene	**54.6**	3.51	**14.0**	7.09	**16.3**	2.46	--	13	9.4	10
Ethylbenzene	**45.6**	3.52	5.34	5.86	3.17	2.94	--	6.4	5.7	7.62
Tetrachloroethene (PCE)	1.48	**746**	1.89	1.99	**126**	**172**	30	2.5	15.9	6.01
Toluene	**375**	15.5	**64.8**	**219**	17.9	12.1	--	57	43.0	39.8
1,2,4-Trimethylbenzene	**35.2**	7.77	9.34	7.08	6.29	6.59	--	9.8	9.5	--
1,3,5-Trimethylbenzene	**10.6**	2.53	2.55	1.92	1.67	1.74	--	3.9	3.7	--
m&p-Xylenes	**141**	14.6	19.5	21.1	11.7	11.6	--	11	22.2	22.2
o-Xylene	**52.1**	6.47	7.47	7.82	4.73	4.52	--	7.1	7.9	7.24

Notes:
-- – Not available/no criterion
< – Less than
µg/m³ – micrograms per cubic meter
U – Non-detect
Shaded result exceeds NYSDOH AGV.
Bold result exceeds the range of published background concentrations.
Upper Fence = NYSDOH 2003 Fuel Oil Upper Fence Limit Indoor Air
90th Percentile = USEPA BASE DATA 90th Percentile Value Indoor Air
95th Percentile = Health Effects Institute 2005 95th Percentile Value Indoor Air

The NYSDOH has established AGVs for three (3) of the VOCs analyzed (methylene chloride, PCE, and TCE). Methylene chlorine and TCE were not detected in the soil vapor samples at concentrations above its corresponding AGVs. Tetrachloroethene (PCE) was detected in three (3) soil vapor samples at concentrations above the AGV. PCE was also detected in three (3) groundwater samples (refer to Section 5.4.1) at concentrations below comparison criteria. The presence of PCE in soil vapor may be a result of low-level groundwater impacts emanating from an unknown off-site source.

The following table presents the recommended actions based on a comparison of soil vapor sampling analytical results to the Vapor Intrusion Decision Matrices.

Matrix	VOC	Maximum Detected Concentration (µg/m^3)	Recommended Action
A	Carbon tetrachloride	Not detected	No Further Action
	Cis-1,2-Dichloroethene	Not detected	No Further Action
	1,1-Dichloroethene	Not detected	No Further Action
	Trichloroethene	0.677	No Further Action or Identify Source(s) and Resample or Mitigate
B	Methylene chloride	Not detected	No Further Action
	Tetrachloroethene	746	No Further Action, Monitor, or Mitigate
	1,1,1-Trichloroethane	3.70	No Further Action or Identify Source(s) and Resample or Mitigate
C	Vinyl chloride	Not detected	No Further Action

*The Recommended Action is dependent on the corresponding indoor air sample results. Indoor air samples were not collected as part of this investigation.

As indicated above, the recommended action is no further action, monitor, or mitigate, depending on the indoor air sampling results, if the soil vapor results are representative of sub-slab vapor concentrations.

The results of analysis of soil vapor samples for VOCs are presented in *Table 1*.

5.3 Soil and Sediment Sampling Findings

The General Fill Criteria (GFC), defined in Table 2 of 6 NYCRR Part 360.13(f) as material that meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in 6 NYCRR 375-6.8(b), is the appropriate standard for use in evaluating the results of the analyses of the Phase II ESI soil samples.

Since the potential presence of an underground storage tank (UST) was evaluated as part of the Phase II investigation, Soil Cleanup Levels (SCLs) for Gasoline and Fuel Oil Contaminated Soils, outlined in Tables 2 and 3 of CP-51, respectively, were included as comparison criteria. The GFC and SCL were also used to evaluating the results of the analyses of the sediment sample.

The New York State proposed Unrestricted Use Soil Cleanup Objective (SCO) presented in presented in the NYSDEC Guidance Document titled "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs" April 2023) was used in evaluating the results of two per- and polyfluoroalkyl substances (PFAS) perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS). There are no applicable New York State SCOs, site-specific conservation objectives (SSCOs), or SCLs for the remaining PFAS.

The laboratory analytical reports are provided in *Appendix J*.

5.3.1 Volatile Organic Compounds in Soil and Sediment

Twenty-two (22) VOCs were detected in one or more soil and/or sediment samples.

A summary of the VOCs detected at concentrations greater than GFC is provided in the following table.

VOCs Detected in Soil at Concentrations Greater than GFC and CP-51 SCLs

Sample ID Units – mg/kg	TRC-SB-101 (8.5-9.5)	General Fill Criteria	CP-51 Tables 2 & 3 SCLs
1,2,4- Trimethylbenzene	**4.0**	3.6	3.6

Notes:
-- - No criterion
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC and/or SCL.
GFC – General Fill Criteria
mg/kg – milligrams per kilogram
SCL – Soil Cleanup Level

One (1) VOC (1,2.4-trimethylbenzene) was detected at concentrations greater than GFC and SCL in a soil sample collected from below the presumed invert and adjacent to the suspect UST in the northeast portion of the Site. This result may be attributed to a minor release from the suspect UST.

Tentatively identified compounds (TICs) were detected in samples TRC-SB-01 (10-12), TRC-SB-05 (1-4), TRC-SB-05 (11-13), TRC-SB-06 (1-4), TRC-SB-06 (11-13), TRC-SB-07 (1-4), TRC-SB-07 (11-3), TRC-SB-08 (1-4), TRC-SB-08 (11.5-13.5), TRC-SB-101 (8.5-9.5), TRC-SB-104 (5-7), and TRC-SB-104 (8-10) at total concentrations ranging from 0.00343 mg/kg to 27.3 mg/kg.

The results of analysis of soil and sediment samples for VOCs are presented in *Table 2*.

5.3.2 Semivolatile Organic Compounds in Soil and Sediment

Twenty-six (26) SVOCs were detected in one or more soil and/or sediment samples.

A summary of the SVOCs detected at concentrations greater than GFC is provided in the following table.

SVOCs Detected in Soil and Sediment at Concentrations Greater than GFC and CP-51 SCLs

Sample ID Units – mg/kg	TRC-SB-01 (1-4)	TRC-SB-02 (1-4)	TRC-SB-03 (1-4)	TRC-SB-05 (1-4)	TRC-SB-06 (1-4)	TRC-SB-07 (1-4)	TRC-SD-01	General Fill Criteria	CP-51 Tables 2 & 3 SCLs
Benzo(a)anthracene	**27**	0.64	**18 E**	**3.4**	**1.7**	**1.3**	**2.5**	1	1
Benzo(a)pyrene	**25**	0.68	**18 E**	**3.5**	**2.4**	**1.2**	**2.4**	1	1
Benzo (b)fluoranthene	**33**	0.80	**22 E**	**4.2**	**2.8**	**1.4**	**2.9**	1	1
Benzo(k)fluoranthene	**9.3**	0.24	**5.9**	**1.3**	**0.94**	0.54	**1.0**	1	0.8
Chrysene	**27**	0.66	**19**	**3.9**	**1.8**	**1.4**	**2.4**	1	1
Dibenzo(a,h)anthracene	**3.4**	0.097 J	**2.5**	**0.50**	**0.38**	0.16	**0.40**	0.33	0.33
Indeno(1,2,3-cd)pryene	**16**	**0.51**	**14 E**	**2.5**	**2.2**	**0.80**	**1.8**	0.5	0.5

Notes:
-- - No criterion
E – Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
GFC – General Fill Criteria
J – Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC AND SCL.
mg/kg – milligrams per kilogram
U – Non-detect
SCL – Soil Cleanup Level

Seven (7) SVOCs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenzo[a,h]anthracene, and indeno[1,2,3-cd]pryene) were detected in shallow soil samples and the sediment sample at concentrations greater than GFC and SCLs. Based on depths and distribution of samples exhibiting SVOC exceedances and the observed characteristics of shallow soil (i.e., historic fill), SVOCs exceeding GFC and SCLs in soil may be attributable to the characteristics of fill material at the Site. SVOCs exceeding GFC in sediment may be attributable to the quality of historic discharges to the floor drain.

TICs were identified in sample TRC-SB-01 (1-4) at a total concentration of 121 mg/kg. The presence of TICs is likely a result of the quality of Site soil and does not impact the reporting limits for target compounds. TICs were also detected in samples TRC-SB-02 (1-4), TRC-SB-DUP-01, TRC-SB-03 (1-4), TRC-SB-05 (1-4), TRC-SB-06 (1-4), TRC-SB-07 (1-4), TRC-SB-08 (1-4), TRC-SB-08 (11.5-13.5), TRC-SB-101 (10.5-12.5), TRC-SB-103 (8-10), TRC-SB-104 (5-7), and TRC-SD-01 at total concentrations ranging from 0.269 to 63.9 mg/kg.

The results of analysis of soil and sediment samples for SVOCs are presented in *Table 3*.

5.3.3 Metals and Cyanide in Soil and Sediment

Seventeen (17) metals were detected in one or more soil and/or sediment samples. Cyanide was detected in one sample, but below the GFC.

A summary of the metals detected at concentrations greater than GFC is provided in the table below.

Metals Detected in Soil and Sediment at Concentrations Greater than General Fill Criteria

Sample ID Units – mg/kg	TRC-SB-02 (1-4)	TRC-SB-DUP-01	TRC-SB-03 (1-4)	TRC-SB-04 (1-4)	TRC-SB-04 (12-14)	TRC-SD-01	General Fill Criteria
Arsenic	**16.1**	**19.5**	**27.4**	**23.2**	4.36	**47.2**	16
Barium	136	292	**498**	168	132	137	350
Cadmium	0.153 J	0.343 J	**11.8**	1.13	0.511 U	2.49	2.5
Chromium, Total	27.4	21.5	**39.2**	19.6	**44.3**	**43.4**	36

Sample ID Units – mg/kg	TRC-SB-02 (1-4)	TRC-SB-DUP-01	TRC-SB-03 (1-4)	TRC-SB-04 (1-4)	TRC-SB-04 (12-14)	TRC-SD-01	General Fill Criteria
Copper	54.5	131	**521**	267	30.5	138	270
Lead	**527**	**1,130**	**2,240**	**879**	23.8	**890**	400
Mercury	**1.38**	**0.979**	**19**	0.151	0.085	0.546	0.73

Notes:
-- - No criterion
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC.
GFC – General Fill Criteria
mg/kg – milligrams per kilogram
TRC-SB-DUP-01 is a duplicate sample of TRC-SB-02 (1-4)
J – Estimated value
U – Non-detect

Seven (7) metals (arsenic, barium, cadmium, total chromium, copper, lead, and mercury) were detected at concentrations greater than GFC. Metals exceeding GFC in soil may be attributable to the characteristics of fill material at the Site. Metals exceeding GFC in sediment may be attributable to the quality of historic discharges to the floor drain.

The results of analysis of soil/sediment samples for metals and cyanide are presented in *Table 4*.

5.3.4 Polychlorinated Biphenyls, Pesticides, and Herbicides in Soil and Sediment

Herbicides were not detected in soil or sediment samples. Pesticides and PCBs were detected in one or more soil samples and the sediment sample, but below the comparison criteria.

The results of analysis of soil/sediment samples for herbicides, pesticides, and PCBs are presented in *Table 5*.

5.3.5 PFAS in Soil

Only one soil sample and one duplicate soil sample were analyzed for PFAS. One (1) PFAS compound was detected in the soil sample and associated duplicate. Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were not detected at concentrations above the proposed Unrestricted Use SCO. There are no applicable New York State SCOs, SSCOs, or SCLs for the remaining PFAS. The results of analysis of soil samples for PFAS are presented in *Table 6*.

5.3.6 Pre-Design Waste Characterization – Soil and Sediment

In support of pre-design waste characterization, four (4) soil samples (TRC-SB-02[1-4], TRC-SB-05[11-13], TRC-SB-06[1-4], and TRC-SB-08[11.5-13.5]) were selected for analysis for TPH-DRO and TPH-GRO. TPH-DRO was detected in three (3) samples (TRC-SB-02[1-4], TRC-SB-06[1-4], and TRC-SB-

08[11.5-13.5]), with concentrations ranging from 3.6 to 76 mg/kg. TPH-GRO was detected in four (4) samples, with concentrations ranging from 1.2 to 1.6 mg/kg. TPH results provide information regarding soil disposal options for soil excavated for construction, since regional disposal facilities typically require TPH analysis prior to accepting soil for disposal. The TPH results will not impact potential soil disposal options.

Each soil sample was also analyzed for hexavalent chromium and cyanide. As indicated in Section 5.3.3, cyanide and hexavalent chromium were either not detected or detected at concentrations below applicable criteria.

Five (5) soil samples (TRC-SB-02 [1-4], TRC-SB-DUP-01, TRC-SB-03 [1-4], TRC-SB-04 [1-4] and TRC-SB-101 [8.5-9.5]) and the sediment sample (TRC-SD-01) contained total lead at concentrations with the potential to exhibit the hazardous waste characteristic of toxicity (lead detected at a concentration greater than 20 times the RCRA Regulatory Level, or >100 parts per million). Analysis of soil samples by the Toxicity Characteristic Leaching Procedure (TCLP) was prohibited by the site access agreement. Additional soil analysis for lead by TCLP would be required to classify soil for disposal.

The results of analysis of soil samples for waste characterization parameters are presented in *Table 7*. Additionally, hexavalent chromium and cyanide soil analytical results are presented in *Table 4*.

5.4 Groundwater Sampling Findings

Analytical results for groundwater were compared to New York State Class GA Ambient Water Quality Standards and Guidance Values for groundwater as a source for drinking water presented in the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, "Ambient Water Quality Standards and Guidance Values" (GA – H[WS]). Ambient water quality standards are enforceable regulatory limits. Where ambient water quality standards do not exist, ambient water quality guidance values were used to evaluate the groundwater results.

Groundwater analytical results for one sample were also compared to the daily limits set forth in the NYCDEP Bureau of Wastewater Treatment "Limitations for Effluent to Sanitary or Combined Sewers."

The groundwater sample result for PFAS analyses have been compared to the Ambient Water Quality Guidance Values Human Health Criteria presented in New York State Department of Environmental Conservation Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, dated April 2023 for perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA).

The laboratory analytical reports are provided in *Appendix J*.

5.4.1 Volatile Organic Compounds in Groundwater

Six (6) VOCs were detected in one or more groundwater samples. VOC TICs were identified in three (3) groundwater samples at a maximum concentration of 5.0 micrograms per liter (µg/L). VOCs were not detected in groundwater at concentrations greater than the Class GA Values. Low levels of PCE were detected in three (3) groundwater samples at a maximum concentration of 1.4 µg/L.

The results of analysis of groundwater samples for VOCs are presented in *Table 8*.

5.4.2 Semivolatile Organic Compounds in Groundwater

Twenty-two (22) SVOCs were detected in one or more groundwater samples. SVOCs TICs were identified in seven (7) groundwater samples (including the duplicate groundwater sample) at a maximum concentration greater 449 (µg/L).

A summary of the SVOCs detected at concentrations greater than GFC is provided in the table below.

SVOCs Detected in Groundwater at Concentrations Greater than Class GA Values

Sample ID Units – µg/L	TRC-GW-02	TRC-GW-04	TRC-GW-07	TRC-GW-08	Class GA Value
Benzo(a)anthracene	**0.26**	**0.04 J**	**0.04 J**	0.10 U	0.002
Benzo(a)pyrene	**0.33**	**0.03 J**	**0.04 J**	0.10 U	>ND
Benzo(b)fluoranthene	**0.39**	**0.04 J**	**0.05 J**	**0.02 J**	0.002
Benzo(k) fluoranthene	**0.15**	**0.01 J**	**0.02 J**	**0.01 J**	0.002
Chrysene	**0.26**	**0.03 J**	**0.03 J**	0.10 U	0.002
Indeno(1,2,3-cd)pyrene	**0.20**	**0.02 J**	0.02 J	0.10 U	0.002

Notes:
µg/L – micrograms per liter
Light gray shade with bold text value indicates that the result exceeds the Class GA Value.
J – Estimated value
U – Non-detect

Six (6) SVOCs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, chrysene, and indeno[1,2,3-cd]pryene) were detected at concentrations greater than Class GA Values. Based on the detections of SVOCs exceeding GFC in soil samples, SVOCs exceeding Class GA Values in groundwater may be attributable to the characteristics of fill material at the Site.

The results of analysis of groundwater samples for SVOCs are presented in *Table 9*.

5.4.3 Filtered Metals in Groundwater

Fifteen (15) metals were detected in one or more groundwater samples. One (1) metal (selenium) was detected in filtered groundwater samples at concentrations exceeding the Class GA Values, as summarized in the table below.

Filtered Metals Detected in Groundwater at Concentrations Greater than Class GA Values

Sample ID Units – µg/L	TRC-GW-04	TRC-GW-07	Class GA Value
Selenium	**12.2**	**11.9**	10

Notes:
µg/L – micrograms per liter
Light gray shade with bold text value indicates that the result exceeds the Class GA Value.
J – Estimated value
U – Non-detect

Based on the locations of selenium detections in groundwater above Class GA Values (i.e., upgradient temporary wells) and the absence of selenium in Site soil above GFC, the presence of selenium in groundwater is attributed to an unknown off-Site source.

The results of analysis of groundwater samples for metals are presented in *Table 10*.

5.4.4 Polychlorinated Biphenyls in Groundwater

PCBs were not detected in the groundwater samples.

The results of analysis of groundwater samples for PCBs are presented in *Table 11*.

5.4.5 PFAS in Groundwater

One groundwater sample and one duplicate groundwater sample were analyzed for PFAS. Nine (9) PFAS were detected in the groundwater sample (including the duplicate sample).

A summary of the PFAS detected at concentrations greater than the NYSDEC Ambient Water Quality Guidance Values is provided in the table below.

Sample ID Units – ng/L	TRC-GW-03	TRC-GW-DUP-01	NYSDEC Ambient Water Quality Guidance Value
PFOA	**26.4**	**30.6**	6.7
PFOS	**11.6**	**11.3**	2.7

Notes:
ng/L – nanograms per liter
Light gray shade with bold text value indicates that the result exceeds the NYSDEC Ambient Water Quality Guidance Value.

Two (2) PFAS (PFOS and PFOA) were detected at concentrations greater than the NYSDEC Ambient Water Quality Guidance Values. The low concentrations of PFAS in groundwater are ubiquitous in groundwater throughout New York City.

The analytical data summary is presented in *Table 12.*

5.4.6 NYCDEP Discharge Parameters in Groundwater

A review of the groundwater analytical results indicates that NYCDEP Sewer Use Discharge Parameters were not detected in the groundwater sample outside of the respective NYCDEP Sewer Use Discharge Limits.

The results of analysis of groundwater samples for NYCDEP Sewer Use Discharge Parameters are presented in *Table 13.*

5.5 Non-Aqueous Phase Liquid Findings

Each newly-installed temporary monitoring well (TRC-GW-01, -03, -06, and -08) was gauged with an oil-water interface probe for the presence of non-aqueous phase liquid (NAPL). No NAPL was encountered.

5.6 Residual Waste and/or Investigation-Derived Waste Management Findings

5.6.1 Investigation Derived Waste Management

No investigation derived waste was generated during the completion of this Phase II ESI.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the Phase II ESI, TRC concludes the following:

- The geophysical survey confirmed the locations of gas, sewer, electrical, and water lines that are located within the footprint of the Site. One anomaly (approximately 6 feet long and 2 feet wide) was identified adjacent to the northern wall of the existing one-story building in the location of the suspect UST. Sample locations were advanced in the locations clear of subsurface utilities and surrounding the identified anomaly/suspect UST.

- Twelve (12) soil borings were advanced at the Site to a maximum depth of approximately 20 feet bgs and bedrock was not encountered. Refusal was met at TRC-SB-101 and TRC-SB-104 at 18 and 18.5 feet bgs, respectively. From the ground surface to maximum depths ranging from 2.4 to 13.5 feet bgs, fill material consisting of gravel, fine to coarse sand, and trace building materials (i.e., asphalt, gravel, concrete, ash, and/or ceramic) was encountered in soil borings at the Site. The material below the identified fill generally consisted of brown fine to medium sand, clay, and silt.

- Four soil borings (TRC-SB-101 through -104) were advanced around the perimeter of a suspect UST located to the north of the Site building. Field evidence of potential contamination (i.e., maximum PID reading of 75.1 ppm, slight black staining, and/ or petroleum odors) was observed in two soil borings adjacent to a suspected UST (TRC-SB-104, located to the south of the anomaly, at a depth of 5 to 7 feet bgs, and TRC-SB-103, located to the west of the identified anomaly, at a depth of 8.5 to 9.5 feet bgs). One (1) VOC (1,2,4-trimethylbenzene) was detected in soil sample TRC-SB-101 (8.5-9.5) at concentrations greater than GFC and the SCL, which may be attributed to historic impacts from the suspect UST.

- Groundwater was encountered at depths ranging from approximately 12 to 14 feet bgs.

- Methylene chlorine and TCE were not detected in the soil vapor samples at concentrations above AGVs. PCE was detected in three (3) soil vapor samples at concentrations above the AGV. Based on a comparison of soil vapor VOC results to the Vapor Intrusion Decision Matrices, the recommended action is no further action, monitor, or mitigate, depending on the corresponding indoor air concentration and if the soil vapor results are representative of sub-slab vapor concentrations. The presence of VOCs in soil vapor is attributed to off-Site source(s), since with the exception of one petroleum-related VOC detected in soil proximate to the suspect UST, target constituents were not detected in soil or groundwater samples above comparison criteria. Since low levels of PCE were detected in three (3) groundwater samples at concentrations below comparison criteria, the presence of PCE in soil vapor may be a result of minor groundwater impacts emanating from an off-site source.

- Seven (7) SVOCs and seven (7) metals were detected in soil and/or sediment samples at concentrations greater than GFC and/or SCLs. SVOCs and metals exceeding GFC in soil may be attributable to the characteristics of fill material at the Site. SVOCs and metals exceeding GFC in sediment may be attributable to historic contaminated discharges to the floor drain.

- Herbicides were not detected in soil or sediment samples. In addition, PCBs and pesticides were not detected in the soil or sediment samples at concentrations above the GFC.

- In support of pre-design waste characterization, four (4) soil samples (TRC-SB-02[1-4], TRC-SB-05[11-13], TRC-SB-06[1-4], and TRC-SB-08[11.5-13.5]) were selected for analysis for TPH-DRO and TPH-GRO. The results of analysis of soil samples for TPH will not impact potential soil disposal options. Hexavalent chromium and cyanide were not detected at concentrations exceeding GFC. Five (5) soil samples (TRC-SB-02 [1-4], TRC-SB-DUP-01, TRC-SB-03 [1-4], TRC-SB-04 [1-4] and TRC-SB-101 [8.5-9.5]) and the sediment sample (TRC-SD-01) have the potential to exhibit hazardous waste characteristics for lead toxicity based on their total lead concentrations. Analysis of soil samples by the Toxicity Characteristic Leaching Procedure (TCLP) was prohibited by the site access agreement.

- No VOCs or PCBs were detected in the groundwater samples at concentrations above Class GA Values. The VOC MTBE and lead was previously detected in Site groundwater.

- Five (5) SVOCs (benzo[a] anthracene, benzo[a] pyrene, benzo[b] fluoranthene, chrysene, and indeno[1,2,3-cd]pryene) were detected at concentrations greater than Class GA Values, which may be attributable to the quality of fill material at the Site.

- One (1) metal (selenium) was detected in two filtered groundwater samples at concentrations exceeding the Class GA Value. Based on the locations of selenium detections in groundwater above the Class GA Value (i.e., upgradient temporary wells) and the absence of selenium in Site soil above GFC, the presence of selenium in groundwater is attributed to an unknown off-Site source.

- No Sewer Use Discharge Parameters were detected above the NYCDEP Sewer Use Discharge Limit in the sewer discharge groundwater sample.

To address the RECs, VECs, and environmental concerns that require special considerations and/or have the potential to affect the suitability of the Site for use as a public school facility, the following are recommended:

- Based on the results of soil vapor sampling, a sub-slab depressurization system (SSDS) and soil vapor barrier should be integrated into the new building design including integration with any proposed damp-proofing or waterproofing components.

- All material excavated during construction activities should be properly characterized and disposed, including collection and analysis of additional samples if required by the contractor-selected solid waste management facilities. Shallow soil in the northern portion of the Site and sediment in the Site building's floor drain have the potential to exhibit hazardous waste characteristics for lead toxicity. Soil in the vicinity of the suspect UST has the potential to exhibit petroleum impacts. The remainder of Site soil is expected to be characterized as non-hazardous excavated material. Pre-design waste characterization should be performed to confirm the presence of soil with hazardous waste characteristics.

- In order to satisfy regulatory requirements as they pertain to the Site's E-designation, remediation at the Site should be performed with oversight from OER.

- Completion of an Outdoor Air Assessment (OAA) to evaluate regional and local air quality at the Site and provide recommendations for further building ventilation design considerations, as applicable.

- The suspect UST, should be cleaned and removed, petroleum-contaminated material should be removed and disposed of at a facility permitted to accept such waste, and confirmatory endpoint samples should be collected for laboratory analysis. UST closure must be completed in accordance with all applicable laws and regulations.

- If dewatering is necessary during school construction activities, dewatering must be performed in accordance with applicable local, state and federal regulations. Dewatering required during construction should be minimized to mitigate potential influx of contaminated water from off-site sources toward the Site.

- If landscaped areas are incorporated into the development of the Site, any exposed soil should be covered with at least 2 feet of environmentally clean fill.

- Suspect ACM, LBP, and/or PCB-containing materials affected by Site redevelopment should be properly managed during construction or demolition activities in accordance with applicable regulations and NYCSCA policies and procedures.

Based on the Phase II ESI results, additional investigation is not recommended for the Site. A description of the recommended engineering controls and associated cost estimate is included in *Appendix E*.

7.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

TRC has performed a Phase II ESI of the Site of the proposed public school located at 257 Franklin Street, Brooklyn, New York 11222. The scope of the Phase II ESI was consistent with the scope of work dated May 23, 2023 and *revised* July 5, 2023 as stated in Section 2.0.

TRC Engineers, Inc.

PREPARED BY: _____
Elise He
Junior Environmental Scientist

Prepared By: _____
Samuel Ambrose P.G.
Associate Environmental Scientist

Review By: _____
Jenna Raup
Lead Environmental Scientist and QC Officer

8.0 REFERENCES

- ASTM International, ASTM E2600-15 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions."
- ASTM International, ASTM E1903-19 "Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process."
- ASTM International, ASTM E1527-21 "Standard Guide for Environmental Site Assessments: Phase I Environmental Site Assessment Process."
- NYSDEC, 6 NYCRR § 375: Environmental Remediation Programs, December 14, 2006.
- NYSDEC, 6 NYCRR Chapter X § 700 – 706: Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.
- NYSDEC, Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1, April 2000.
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- NYSDEC, DER-10 Technical Guidance for Site Investigation and Remediation, May 3, 2010.
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- NYSDOH, Updates to Soil Vapor / Indoor Air Decision Matrices, May 2017.
- NYSDOH, Tetrachloroethene (PERC) in Indoor and Outdoor Air, Fact Sheet, September 2013.
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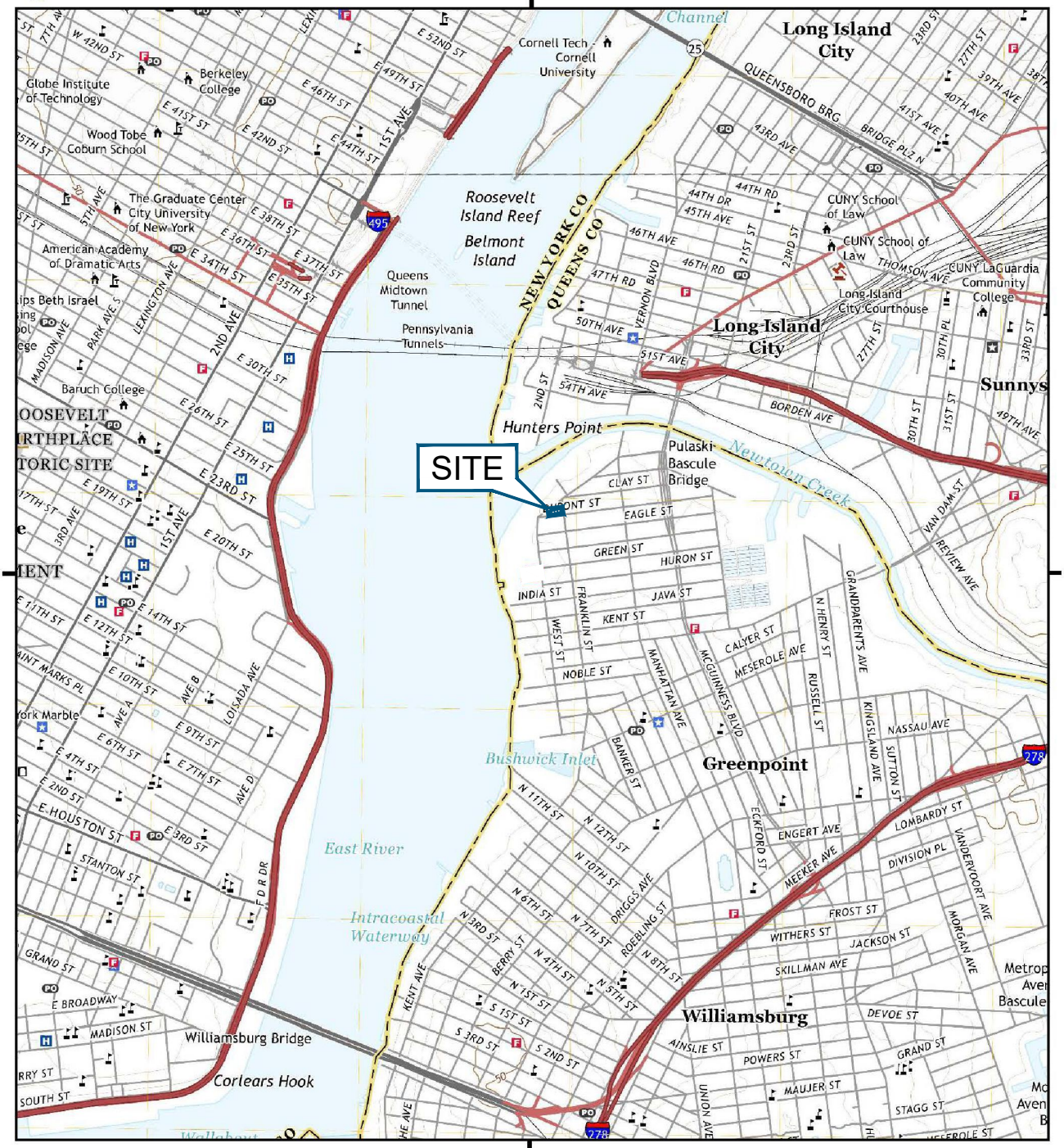
- Soren, Julian and Simmons, Dale, 1987, "Thickness and Hydrogeology of Aquifers and Confining Units Below the Upper Glacial Aquifer on Long Island, NY; USGS Water Investigations Report.
- TRC Engineers Inc., *Phase I Environmental Site Assessment of Proposed Public School K14A – Acquisition, Block 2494, Lot 20, 257 Frankin Street, Brooklyn, New York 11208*, September 22, 2023.
- TRC Engineers Inc., *Proposal/Scope of Work for Phase II Environmental Site Investigation at Proposed Public School K14A – Acquisition, Block 2494, Lot 20, 257 Frankin Street, Brooklyn, New York 11222,* May 23, 2023, *revised* July 5, 2023.

FIGURES

EDR

Historical Topo Map

2019



NW N NE
W E
SW S SE

TP, Brooklyn, 2019, 7.5-minute
N, Central Park, 2019, 7.5-minute

SITE NAME: 257 Franklin Street
ADDRESS: 257 Franklin Street
Brooklyn, NY 11222

N

TRC
1430 Broadway, 10th Floor
New York, NY 10018
Phone: 212.221.7822
www.TRCcompanies.com

PROJECT: **NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY**
PHASE II ENVIRONMENTAL SITE INVESTIGATION
PROPOSED PUBLIC SCHOOL FACILITY (K14A)
257 FRANKLIN STREET - BLOCK: 2494, LOT 20
BROOKLYN, NEW YORK 11222

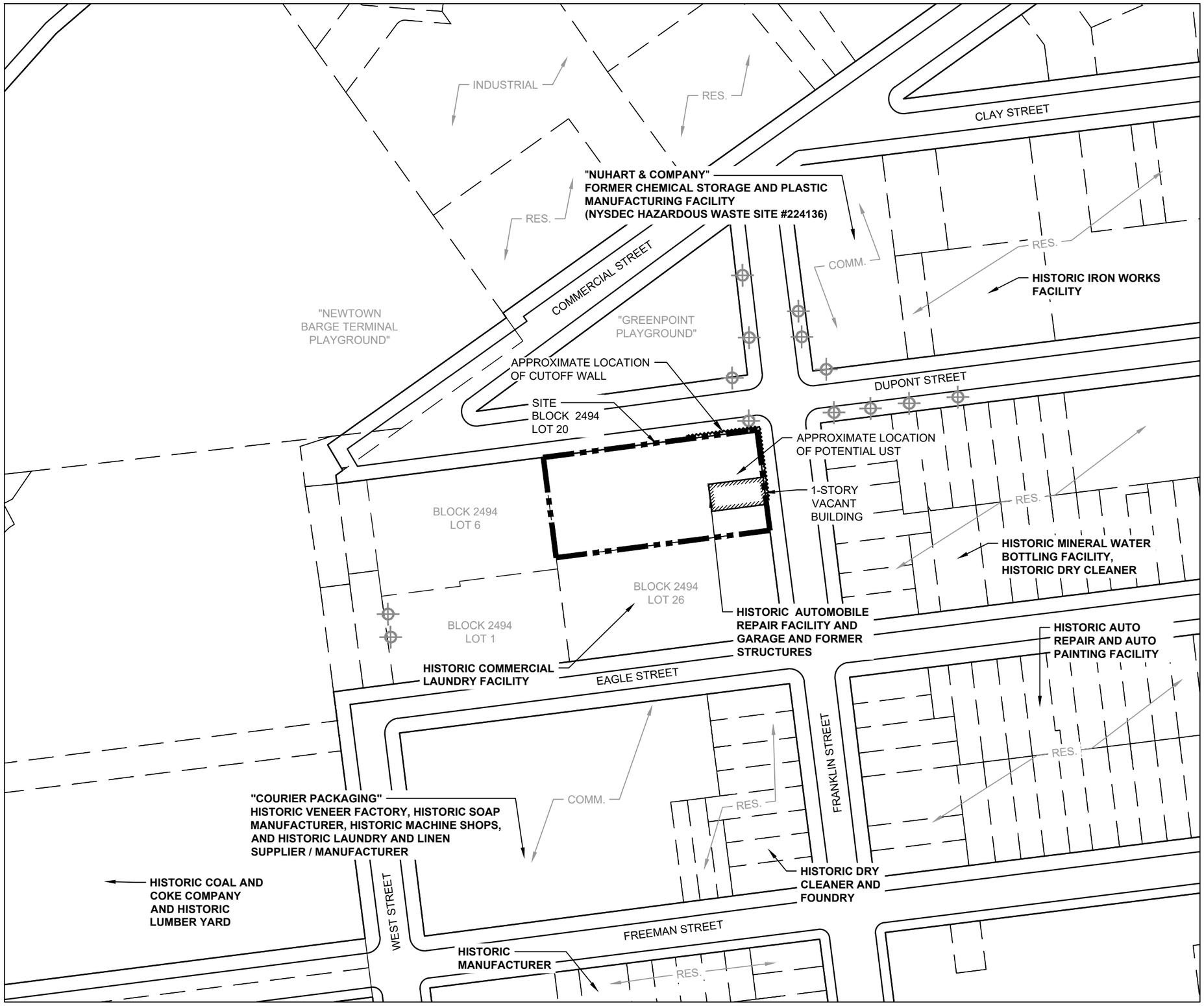
TITLE:

SITE LOCATION MAP

DRAWN BY:	H. DELGADO
CHECKED BY:	M. KENSELL
APPROVED BY:	S. AMBROSE
DATE:	OCTOBER 2023
PROJ. NO.:	549782.0000.0000
FILE:	Fig 1 - Site Loc. Map.dwg

FIGURE 1

8.5x11 -- ATTACHED XREFS: -- ATTACHED IMAGES: 2019 Hist. EDR Topo (K14A)
DRAWING NAME: \\nyc-fp1\Projects\NYCSCA Contract C000016043\549782 - 257 Franklin Street Phase II\Report\Figures\TRC WD\ Fig 1 - Site Loc. Map.dwg -- PLOT DATE: October 01, 2023 - 8:33PM -- LAYOUT: 8.5x11P



LEGEND (SYMBOLS NOT TO SCALE):

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT
- MONITORING WELL LOCATION

N

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND BOUNDARIES ARE APPROXIMATE.
2. BASEMAP SOURCE FROM NYC DEPARTMENT OF FINANCE TAX MAP.
3. RECOGNIZED ENVIRONMENTAL CONDITIONS ARE PRESENTED IN THE PHASE I ESA UPDATE DATED OCTOBER 2013.
4. UST - UNDERGROUND STORAGE TANK
5. SOURCE OF LOCATION OF CUTOFF WALL IS FINAL 100% REMEDIAL DESIGN FORMER NUHART PLASTIC MANUFACTURING SITE, PREPARED BY HALEY AND ALDRICH OF NY DATED MAY 2023.

0 100' 200'

SCALE: 1" = 100'
SHEET SIZE: 11" BY 17"

ASSUMED GROUNDWATER FLOW DIRECTION

PROJECT: **NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY**
PHASE II ENVIRONMENTAL SITE INVESTIGATION
PROPOSED PUBLIC SCHOOL FACILITY (K14A)
257 FRANKLIN STREET - BLOCK: 2494, LOT 20
BROOKLYN, NEW YORK 11222

TITLE:

SITE PLAN

DRAWN BY:	H. DELGADO	PROJ NO.:	549782.0000.0000
CHECKED BY:	M. KENSELL		
APPROVED BY:	S. AMBROSE		**FIGURE 2**
DATE:	OCTOBER 2023		

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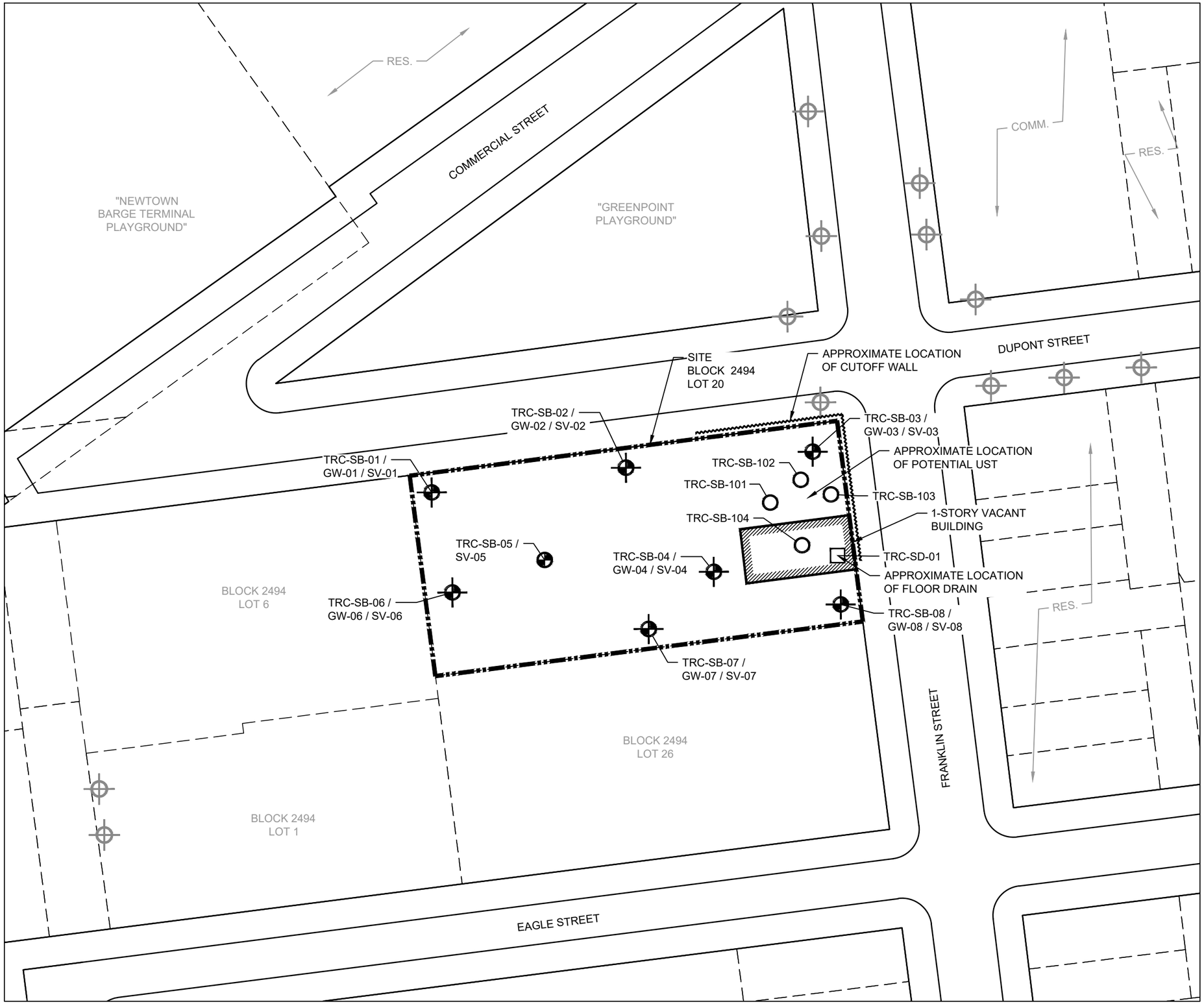
FILE NO.: Fig 2 - Site Plan.dwg

1147 -- ATTACHED XREFS: Brooklyn -- ATTACHED IMAGES: NYCDOF-DIGITAL TAX MAP (K14A)
DRAWING NAME: \\nyc-fp\Projects\NYCSCA Contract C000016043\549782 - 257 Franklin Street Phase II\Report\Figures\TRC WD\ Fig 2 - Site Plan.dwg -- PLOT DATE: October 01, 2023 - 8:37PM -- LAYOUT: 11X17L



LEGEND (SYMBOLS NOT TO SCALE):

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT
- EXISTING MONITORING WELL LOCATION
- TRC-SB-## / GW-## / SV-## — SOIL BORING, GROUNDWATER, AND/OR SOIL VAPOR SAMPLE LOCATION AND IDENTIFICATION NUMBER
- TRC-SB-## / SV-## — SOIL BORING AND/OR SOIL VAPOR SAMPLE LOCATION AND IDENTIFICATION NUMBER
- TRC-SB-## — SOIL BORING LOCATION AND IDENTIFICATION NUMBER
- TRC-SD-## — SEDIMENT SAMPLING LOCATION AND IDENTIFICATION NUMBER

N

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND BOUNDARIES ARE APPROXIMATE.
2. BASEMAP SOURCE FROM NYC DEPARTMENT OF FINANCE TAX MAP.
3. UST - UNDERGROUND STORAGE TANK
4. PROPOSED SAMPLE LOCATIONS MAY BE MODIFIED FOLLOWING SITE VISIT.
5. SOURCE OF LOCATION OF CUTOFF WALL IS FINAL 100% REMEDIAL DESIGN FORMER NUHART PLASTIC MANUFACTURING SITE, PREPARED BY HALEY AND ALDRICH OF NY DATED MAY 2023.

0 50' 100'

SCALE: 1" = 100'
SHEET SIZE: 11" BY 17"

ASSUMED GROUNDWATER FLOW DIRECTION

PROJECT: **NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY**
PHASE II ENVIRONMENTAL SITE INVESTIGATION
PROPOSED PUBLIC SCHOOL FACILITY (K14A)
257 FRANKLIN STREET - BLOCK: 2494, LOT 20
BROOKLYN, NEW YORK 11222

TITLE:

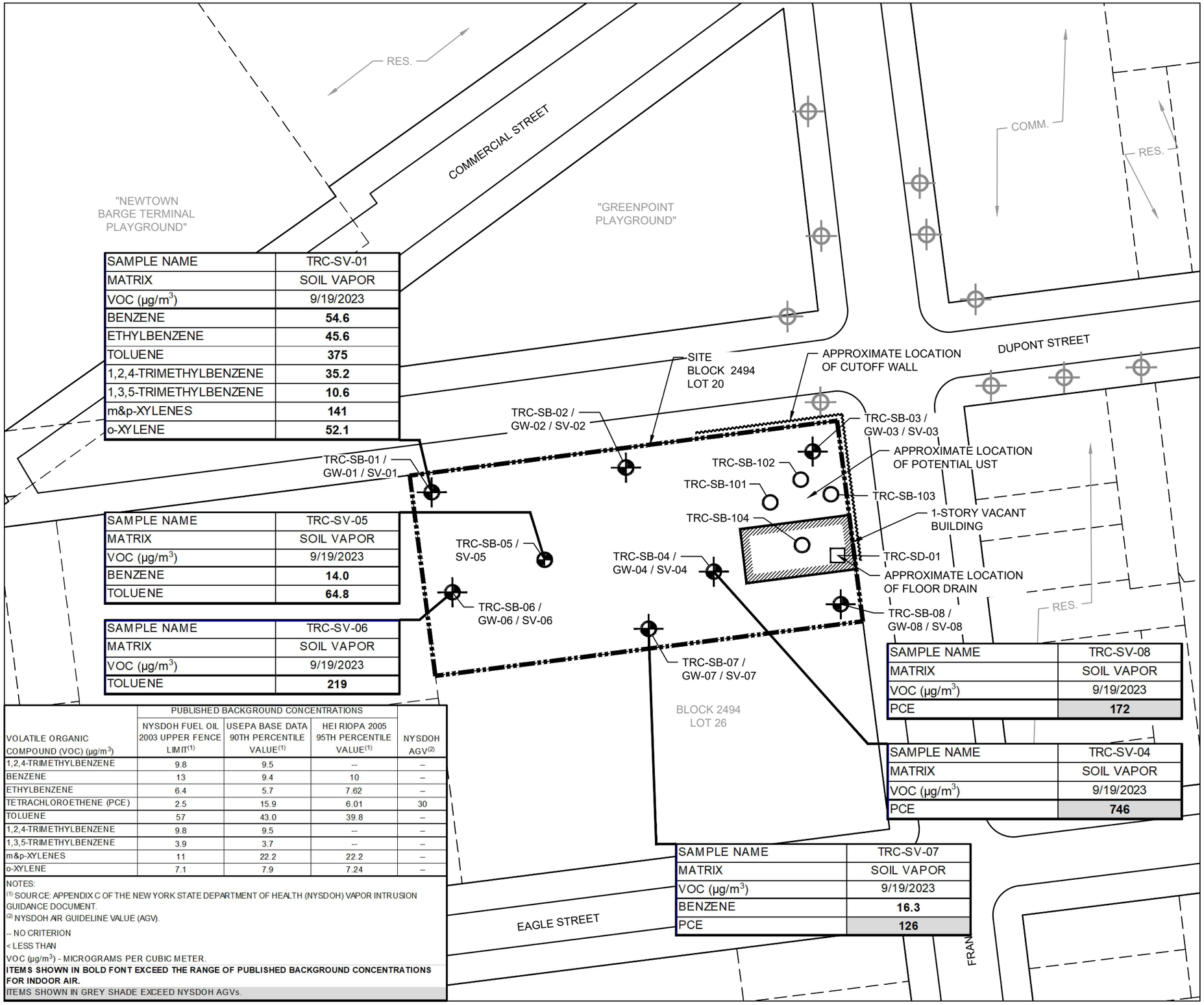
SAMPLE LOCATION PLAN

DRAWN BY:	H. DELGADO	PROJ NO.:	549782.0000.0000
CHECKED BY:	M. KENSELL		
APPROVED BY:	S. AMBROSE		**FIGURE 3**
DATE:	OCTOBER 2023		

TRC
1430 Broadway, 10th Floor
New York, NY 10018
Phone: 212.221.7822
www.TRCcompanies.com

FILE NO.: Fig 3 - Sample Loc. Plan.dwg

14:17 -- ATTACHED XREFS: Bookfp -- ATTACHED IMAGES: -- cutoff.dwx (K14A): NYCDOF-DIGITAL_TAX MAP (K14A):
DRAWING NAME: \\nyc-fp1\Projects\NYCSCA Contract C000016043\549782 - 257 Franklin Street Phase II\Report\Figures\TRC WD\ Fig 3 - Sample Loc. Plan.dwg -- PLOT DATE: October 01, 2023 - 9:04PM -- LAYOUT: 11X17L



SAMPLE NAME	TRC-SV-01
MATRIX	SOIL VAPOR
VOC (µg/m^3)	9/19/2023
BENZENE	**54.6**
ETHYLBENZENE	**45.6**
TOLUENE	**375**
1,2,4-TRIMETHYLBENZENE	**35.2**
1,3,5-TRIMETHYLBENZENE	**10.6**
m&p-XYLENES	**141**
o-XYLENE	**52.1**

SAMPLE NAME	TRC-SV-05
MATRIX	SOIL VAPOR
VOC (µg/m^3)	9/19/2023
BENZENE	**14.0**
TOLUENE	**64.8**

SAMPLE NAME	TRC-SV-06
MATRIX	SOIL VAPOR
VOC (µg/m^3)	9/19/2023
TOLUENE	**219**

SAMPLE NAME	TRC-SV-08
MATRIX	SOIL VAPOR
VOC (µg/m^3)	9/19/2023
PCE	**172**

SAMPLE NAME	TRC-SV-04
MATRIX	SOIL VAPOR
VOC (µg/m^3)	9/19/2023
PCE	**746**

SAMPLE NAME	TRC-SV-07
MATRIX	SOIL VAPOR
VOC (µg/m^3)	9/19/2023
BENZENE	**16.3**
PCE	**126**

VOLATILE ORGANIC COMPOUND (VOC) (µg/m^3)	PUBLISHED BACKGROUND CONCENTRATIONS			NYSDOH AGV(2)
	NYSDOH FUEL OIL 2003 UPPER FENCE LIMIT(1)	USEPA BASE DATA 90TH PERCENTILE VALUE(1)	HEI RIOPA 2005 95TH PERCENTILE VALUE(1)	
1,2,4-TRIMETHYLBENZENE	9.8	9.5	--	--
BENZENE	13	9.4	10	--
ETHYLBENZENE	6.4	5.7	7.62	--
TETRACHLOROETHENE (PCE)	2.5	15.9	6.01	30
TOLUENE	57	43.0	39.8	--
1,2,4-TRIMETHYLBENZENE	9.8	9.5	--	--
1,3,5-TRIMETHYLBENZENE	3.9	3.7	--	--
m&p-XYLENES	11	22.2	22.2	--
o-XYLENE	7.1	7.9	7.24	--

NOTES:
(1) SOURCE: APPENDIX C OF THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) VAPOR INTRUSION GUIDANCE DOCUMENT.
(2) NYSDOH AIR GUIDELINE VALUE (AGV).
-- NO CRITERION
< LESS THAN
VOC (µg/m^3) - MICROGRAMS PER CUBIC METER.
ITEMS SHOWN IN BOLD FONT EXCEED THE RANGE OF PUBLISHED BACKGROUND CONCENTRATIONS FOR INDOOR AIR.
ITEMS SHOWN IN GREY SHADE EXCEED NYSDOH AGVs.

LEGEND (SYMBOLS NOT TO SCALE):

- SITE BOUNDARY
- LOT BOUNDARY
- BUILDING FOOTPRINT
- EXISTING MONITORING WELL LOCATION
- TRC-SB-## / GW-## / SV-## — SOIL BORING, GROUNDWATER, AND/OR SOIL VAPOR SAMPLE LOCATION AND IDENTIFICATION NUMBER
- TRC-SB-## / SV-## — SOIL BORING AND/OR SOIL VAPOR SAMPLE LOCATION AND IDENTIFICATION NUMBER
- TRC-SB-## — SOIL BORING LOCATION AND IDENTIFICATION NUMBER
- TRC-SD-## — SEDIMENT SAMPLING LOCATION AND IDENTIFICATION NUMBER

NOTES:

1. LOCATIONS AND DIMENSIONS OF PHYSICAL FEATURES AND BOUNDARIES ARE APPROXIMATE.
2. BASEMAP SOURCE FROM NYC DEPARTMENT OF FINANCE TAX MAP.
3. UST - UNDERGROUND STORAGE TANK
4. PROPOSED SAMPLE LOCATIONS MAY BE MODIFIED FOLLOWING SITE VISIT.
5. SOURCE OF LOCATION OF CUTOFF WALL IS FINAL 100% REMEDIAL DESIGN FORMER NUHART PLASTIC MANUFACTURING SITE, PREPARED BY HALEY AND ALDRICH OF NY DATED MAY 2023.

0 50' 100'
SCALE: 1" = 100'
SHEET SIZE: 11" BY 17"

ASSUMED GROUNDWATER FLOW DIRECTION

PROJECT: **NEW YORK CITY SCHOOL CONSTRUCTION AUTHORITY**
PHASE II ENVIRONMENTAL SITE INVESTIGATION
PROPOSED PUBLIC SCHOOL FACILITY (K14A)
257 FRANKLIN STREET - BLOCK: 2494, LOT 20
BROOKLYN, NEW YORK 11222

TITLE: **SUMMARY OF VOCs IN SOIL VAPOR EXCEEDING PUBLISHED BACKGROUND CONCENTRATIONS AND/OR AGVs**

DRAWN BY:	H. DELGADO	PROJ NO.:	549782.0000.0000
CHECKED BY:	M. KENSELL		
APPROVED BY:	S. AMBROSE		**FIGURE 4**
DATE:	OCTOBER 2023		

TRC
1430 Broadway, 10th Floor
New York, NY 10018
Phone: 212.221.7822
www.TRCcompanies.com

FILE NO.: Fig 4 - Sum. of VOCs in SV EPBC and-or AGVs.dwg

1x17 -- ATTACHED XREF'S: Basemap -- ATTACHED IMAGES: -pdaf.sec(K14A) NYCDOF-DIGITAL TAX MAP (K14A)
DRAWING NAME: \\nyc-fp1\Projects\NYCSCA Contract C000016\43\549782 - 257 Franklin Street Phase II\Report\Figures\TRC MD\ Fig 4 - Sum. of VOCs in SV EPBC and-or AGVs.dwg -- PLOT DATE: October 16, 2023 - 2:43PM -- LAYOUT: 11X17L

TABLES

Table 1
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Vapor Analytical Results for Volatile Organic Compounds

					SAMPLE NAME:	TRC-SV-01		TRC-SV-02		TRC-SV-03		TRC-SV-04	
					LABORATORY SAMPLE ID:	L2355251-04		L2355251-01 R1		L2355251-02		L2355251-05	
					DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/19/2023	
					MATRIX:	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
					DILUTION:	2		1		1		2	
		Published Background Concentrations											
VOLATILE ORGANIC COMPOUND (µg/m^3)	CAS Number	NYSDOH Fuel Oil 2003 Upper Fence Limit[1] Indoor	USEPA BASE Data 90th Percentile Value[1] Indoor	HEI RIOPA 2005 95th Percentile Value[1] Indoor	NYSDOH AGV[2]	Result		Result		Result		Result	
Benzene	71-43-2	13	9.4	10	--	**54.6**		0.403		0.319	U	3.51	
Carbon Tetrachloride	56-23-5	1.3	<1.3	1.1	--	0.252	U	0.126	U	0.126	U	0.252	U
Chlorobenzene	108-90-7	0.4	<0.9	--	--	0.921	U	0.461	U	0.461	U	0.921	U
Chloroethane	75-00-3	0.4	<1.1	--	--	0.528	U	0.264	U	0.264	U	0.528	U
Chloromethane	74-87-3	4.2	3.7	--	--	0.830		0.413	U	0.413	U	0.826	U
1,2-Dichlorobenzene	95-50-1	0.5	<1.2	--	--	0.240	U	0.120	U	0.120	U	0.240	U
1,3-Dichlorobenzene	541-73-1	0.5	<2.4	--	--	0.240	U	0.120	U	0.120	U	0.240	U
1,1-Dichloroethane	75-34-3	0.4	<0.7	--	--	0.162	U	0.081	U	0.081	U	0.162	U
1,2-Dichloroethane	107-06-2	0.4	<0.9	--	--	0.162	U	0.081	U	0.081	U	0.162	U
1,1-Dichloroethene	75-35-4	0.4	<1.4	--	--	0.159	U	0.079	U	0.079	U	0.159	U
cis-1,2-Dichloroethene	156-59-2	0.4	<1.9	--	--	0.159	U	0.079	U	0.079	U	0.159	U
trans-1,2-Dichloroethene	156-60-5	--	--	--	--	0.159	U	0.079	U	0.079	U	0.159	U
1,2-Dichloropropane	78-87-5	0.4	<1.6	--	--	0.185	U	0.092	U	0.092	U	0.185	U
Ethylbenzene	100-41-4	6.4	5.7	7.62	--	**45.6**		2.52		1.68		3.52	
Methyl tert-butyl ether (MTBE)	1634-04-4	14	11.5	36	--	1.44	U	0.721	U	0.721	U	1.44	U
Methylene chloride	75-09-2	16	10.0	7.5	60	3.47	U	1.74	U	1.74	U	3.47	U
Naphthalene	91-20-3	--	5.1	--	--	1.66		0.676		0.697		0.629	
Tetrachloroethene (PCE)	127-18-4	2.5	15.9	6.01	30	1.48		6.98		3.81		**746**	
Toluene	108-88-3	57	43.0	39.8	--	**375**		8.40		5.95		15.5	
1,1,1-Trichloroethane (TCA)	71-55-6	2.5	20.6	--	--	0.371		0.649		0.573		3.7	
Trichloroethene (TCE)	79-01-6	0.5	4.2	1.36	2	0.215	U	0.183		0.188		0.677	
1,2,4-Trimethylbenzene	95-63-6	9.8	9.5	--	--	**35.2**		7.18		5.51		7.77	
1,3,5-Trimethylbenzene	108-67-8	3.9	3.7	--	--	**10.6**		1.91		1.39		2.53	
Vinyl chloride	75-01-4	0.4	<1.9	--	--	0.102	U	0.051	U	0.051	U	0.102	U
m&p-Xylenes	179601-23-1	11	22.2	22.2	--	**141**		10.6		7.04		14.6	
o-Xylene	95-47-6	7.1	7.9	7.24	--	**52.1**		4.04		2.68		6.47	

Notes:
µg/m^3 - Micrograms per cubic meter
-- - No criterion
- - Not analyzed
< - Less than
(1) - Per Appendix C of the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York .
(2) - Air Guideline Values (AGV).
BASE - Building Assessment and Survey Evaluation
CAS - Chemical Abstracts Service
HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor, and Personal Air
NA - Not analyzed
Results shaded in gray exceed NYSDOH AGVs.
Results shown in bold font exceed the range of published background concentrations for indoor air.
USEPA - United States Environmental Protection Agency
U - Non-detect

Table 1
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Vapor Analytical Results for Volatile Organic Compounds

					SAMPLE NAME:	TRC-SV-05		TRC-SV-06		TRC-SV-07		TRC-SV-08	
					LABORATORY SAMPLE ID:	L2355251-08		L2355251-03		L2355251-06		L2355251-07	
					DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/19/2023	
					MATRIX:	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor	
					DILUTION:	2.941		2.941		10		2.941	
		Published Background Concentrations											
VOLATILE ORGANIC COMPOUND ($\mu g/m^3$)	CAS Number	NYSDOH Fuel Oil 2003 Upper Fence Limit[1] Indoor	USEPA BASE Data 90th Percentile Value[1] Indoor	HEI RIOPA 2005 95th Percentile Value[1] Indoor	NYSDOH AGV[2]	Result		Result		Result		Result	
Benzene	71-43-2	13	9.4	10	--	**14.0**		7.09		**16.3**		2.46	
Carbon Tetrachloride	56-23-5	1.3	<1.3	1.1	--	0.370	U	0.370	U	1.26	U	0.370	U
Chlorobenzene	108-90-7	0.4	<0.9	--	--	1.35	U	1.35	U	4.61	U	1.35	U
Chloroethane	75-00-3	0.4	<1.1	--	--	0.776	U	0.776	U	2.64	U	0.776	U
Chloromethane	74-87-3	4.2	3.7	--	--	1.21	U	1.21	U	4.13	U	1.21	U
1,2-Dichlorobenzene	95-50-1	0.5	<1.2	--	--	0.354	U	0.354	U	1.20	U	0.354	U
1,3-Dichlorobenzene	541-73-1	0.5	<2.4	--	--	0.354	U	0.354	U	1.20	U	0.354	U
1,1-Dichloroethane	75-34-3	0.4	<0.7	--	--	0.238	U	0.238	U	0.809	U	0.238	U
1,2-Dichloroethane	107-06-2	0.4	<0.9	--	--	0.238	U	0.238	U	0.809	U	0.238	U
1,1-Dichloroethene	75-35-4	0.4	<1.4	--	--	0.233	U	0.233	U	0.793	U	0.233	U
cis-1,2-Dichloroethene	156-59-2	0.4	<1.9	--	--	0.233	U	0.233	U	0.793	U	0.233	U
trans-1,2-Dichloroethene	156-60-5	--	--	--	--	0.233	U	0.233	U	0.793	U	0.233	U
1,2-Dichloropropane	78-87-5	0.4	<1.6	--	--	0.272	U	0.272	U	0.924	U	0.272	U
Ethylbenzene	100-41-4	6.4	5.7	7.62	--	5.34		5.86		3.17		2.94	
Methyl tert-butyl ether (MTBE)	1634-04-4	14	11.5	36	--	2.12	U	2.12	U	7.21	U	2.12	U
Methylene chloride	75-09-2	16	10.0	7.5	60	5.11	U	5.11	U	17.4	U	5.11	U
Naphthalene	91-20-3	--	5.1	--	--	1.02		0.771	U	2.62	U	0.771	U
Tetrachloroethene (PCE)	127-18-4	2.5	15.9	6.01	30	1.89		1.99		**126**		**172**	
Toluene	108-88-3	57	43.0	39.8	--	**64.8**		**219**		17.9		12.1	
1,1,1-Trichloroethane (TCA)	71-55-6	2.5	20.6	--	--	0.321	U	0.321	U	1.96		1.28	
Trichloroethene (TCE)	79-01-6	0.5	4.2	1.36	2	0.490		0.316	U	1.07	U	0.442	
1,2,4-Trimethylbenzene	95-63-6	9.8	9.5	--	--	9.34		7.08		6.29		6.59	
1,3,5-Trimethylbenzene	108-67-8	3.9	3.7	--	--	2.55		1.92		1.67		1.74	
Vinyl chloride	75-01-4	0.4	<1.9	--	--	0.150	U	0.150	U	0.511	U	0.150	U
m&p-Xylenes	179601-23-1	11	22.2	22.2	--	19.5		21.1		11.7		11.6	
o-Xylene	95-47-6	7.1	7.9	7.24	--	7.47		7.82		4.73		4.52	

Notes:
$\mu g/m^3$ - Micrograms per cubic meter
-- - No criterion
- - Not analyzed
< - Less than
[1] - Per Appendix C of the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York .
[2] - Air Guideline Values (AGV).
BASE - Building Assessment and Survey Evaluation
CAS - Chemical Abstracts Service
HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor, and Personal Air
NA - Not analyzed
Results shaded in gray exceed NYSDOH AGVs.
Results shown in bold font exceed the range of published background concentrations for indoor air.
USEPA - United States Environmental Protection Agency
U - Non-detect

Table 13
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin St, Brooklyn, NY
Summary of Groundwater Sampling Analytical Results for
NYCDEP Sewer Use Discharge Parameters

		SAMPLE NAME:	TRC-GW-08	
		LABORATORY SAMPLE ID:	L2355233-09	
		DATE SAMPLE COLLECTED:	9/20/2023	
		MATRIX:	Groundwater	
PARAMETERS	NYCDEP Sewer Use Discharge Limit	Units	Result	
Non-polar material*	50	mg/L	4	U
pH (range)	5-12	SU's	7.45	
Benzene	134	µg/L	1.0	U
Ethylbenzene	380	µg/L	1.0	U
Toluene	74	µg/L	1.0	U
Xylene (Total)	74	µg/L	1.0	U
CBOD	--	mg/L	2.0	U
Cadmium**	2 / 0.69	mg/L	0.0050	U
Carbon Tetrachloride	--	µg/L	1.0	U
Chloride	--	mg/L	200	
Chloroform	--	µg/L	0.76	J
Copper	5	mg/L	0.0052	J
1,4 Dichlorobenzene	--	µg/L	5.0	U
Hexavalent Chromium	5	mg/L	0.0040	J
Lead	2	mg/L	0.0010	U
Mercury	0.05	mg/L	0.00020	U
Nickel	3	mg/L	0.0032	J
Zinc	5	mg/L	0.0086	
Flash Point	>140	degrees F	>150	
Total Nitrogen	--	mg/L	6.0	
Total Solids	--	mg/L	820	
Total Suspended Solids	350	mg/L	15	
Phenolics	--	mg/L	0.0073	U
PCB's (Total)***	1	µg/L	0.071	U
1,2,4 Trichlorobenzene	--	µg/L	2.5	U
1,1,1-Trichloroethane	--	µg/L	2.5	U
Tetrachloroethene (PCE)	20	µg/L	2.0	J
MTBE (Methyl-Tert-Butyl-Ether)	50	µg/L	10	U
Naphthalene	47	µg/L	0.27	U

Notes:

µg/L - micrograms per liter

-- No criteria

* According to the New York City Department of Environmental Protection Bureau of Wastewater Treatment's *Limitations for Effluent* To Sanitary Or Combined Sewers, analysis for non-polar materials is by method 1664 Rev. A by EPA Lab Report.

** The NYCDEP Sewer Use Discharge Parameter for cadmium - instantaneous is 2 mg/L and the NYCDEP Sewer Use Discharge Parameter for cadmium - composite is 0.69 mg/L.

*** Analysis for PCBs is required if both conditions listed below are met: 1) If proposed discharge ≥ 10,000 gpd; 2) If duration of a discharge > 10 days. PCBs (Total) is the sum of PCB-1242 (Arochlor 1242), PCB-1254 (Arochlor 1254), PCB-1221 (Arochlor 1221), PCB-1232 (Arochlor 1232), PCB-1248 (Arochlor 1248), PCB-1260 (Arochlor 1260) and PCB-1016 (Arochlor 1016).

J- Estimated value

Light gray shade with bold text indicates result exceeds NYCDEP Sewer Use Discharge Limit.

mg/L - milligrams per liter

U- Non-detect

Table 2
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Volatile Organic Compounds

			SAMPLE NAME:	TRC-SB-01 (1-4)		TRC-SB-01 (10-12)		TRC-SB-02 (1-4)		TRC-SB-02 (11.5-13.5)		TRC-SB-03 (1-4)		TRC-SB-03 (10-12)		TRC-SB-04 (1-4)		TRC-SB-04 (12-14)		TRC-SB-05 (1-4)	
			LABORATORY SAMPLE ID:	L2354808-03		L2354808-04		L2354519-03		L2354519-04		L2354519-01		L2354519-02		L2354808-05		L2354808-06		L2355233-05	
			DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/17/2023		9/17/2023		9/18/2023		9/19/2023		9/19/2023		9/20/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result		Result	
1,1,1-Trichloroethane	71-55-6	0.68	--	0.00073	U	0.00067	U	0.00079	U	0.00092	U	0.00076	U	0.00076	U	0.0010	U	0.00070	U	0.00094	U
1,1,2,2-Tetrachloroethane	79-34-5	--	--	0.00073	U	0.00067	U	0.00079	U	0.00092	U	0.00076	U	0.00076	U	0.0010	U	0.00070	U	0.00094	U
1,1,2-Trichloroethane	79-00-5	--	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
1,1-Dichloroethane	75-34-3	0.27	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
1,1-Dichloroethene	75-35-4	0.33	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
1,2,3-Trichlorobenzene	87-61-6	--	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
1,2,4-Trichlorobenzene	120-82-1	--	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
1,2-Dibromo-3-chloropropane	96-12-8	--	--	0.0044	U	0.0040	U	0.0047	U	0.0055	U	0.0045	U	0.0046	U	0.0060	U	0.0042	U	0.0056	U
1,2-Dibromoethane	106-93-4	--	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
1,2-Dichlorobenzene	95-50-1	1.1	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
1,2-Dichloroethane	107-06-2	0.02	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
1,2-Dichloropropane	78-87-5	--	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
1,3-Dichlorobenzene	541-73-1	2.4	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
1,4-Dichlorobenzene	106-46-7	1.8	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
2-Butanone (MEK)	78-93-3	0.12	--	0.015	U	0.0033	J	0.016	U	0.018	U	0.015	U	0.015	U	0.020	U	0.014	U	0.0072	J
2-Hexanone	591-78-6	--	--	0.015	U	0.013	U	0.016	U	0.018	U	0.015	U	0.015	U	0.020	U	0.014	U	0.019	U
4-Methyl-2-pentanone (MIBK)	108-10-1	--	--	0.015	U	0.013	U	0.016	U	0.018	U	0.015	U	0.015	U	0.020	U	0.014	U	0.019	U
Acetone	67-64-1	0.05	--	0.0078	J	0.0081	J	0.0082	J	0.011	J	0.015	U	0.015	U	0.012	J	0.014	U	0.023	
Benzene	71-43-2	0.06	0.06	0.00073	U	0.00067	U	0.00079	U	0.00092	U	0.00076	U	0.00076	U	0.0010	U	0.00070	U	0.00094	U
Bromochloromethane	74-97-5	--	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
Bromodichloromethane	75-27-4	--	--	0.00073	U	0.00067	U	0.00079	U	0.00092	U	0.00076	U	0.00076	U	0.0010	U	0.00070	U	0.00094	U
Bromoform	75-25-2	--	--	0.0059	U	0.0053	U	0.0063	U	0.0074	U	0.0060	U	0.0061	U	0.0080	U	0.0056	U	0.0075	U
Bromomethane	74-83-9	--	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
Carbon disulfide	75-15-0	--	--	0.015	U	0.013	U	0.016	U	0.018	U	0.015	U	0.015	U	0.0200	U	0.014	U	0.019	U
Carbon tetrachloride	56-23-5	0.76	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
Chlorobenzene	108-90-7	1.1	--	0.00073	U	0.00067	U	0.00079	U	0.00092	U	0.00076	U	0.00076	U	0.0010	U	0.00070	U	0.00094	U
Chloroethane	75-00-3	--	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
Chloroform	67-66-3	0.37	--	0.0022	U	0.0020	U	0.0024	U	0.0028	U	0.0023	U	0.0023	U	0.0030	U	0.0021	U	0.0028	U
Chloromethane	74-87-3	--	--	0.0059	U	0.0053	U	0.0063	U	0.0074	U	0.0060	U	0.0061	U	0.0080	U	0.0056	U	0.0075	U
cis-1,2-Dichloroethene	156-59-2	0.25	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
cis-1,3-Dichloropropene	10061-01-5	--	--	0.00073	U	0.00067	U	0.00079	U	0.00092	U	0.00076	U	0.00076	U	0.0010	U	0.00070	U	0.00094	U
Cyclohexane	110-82-7	--	--	0.015	U	0.013	U	0.016	U	0.018	U	0.015	U	0.015	U	0.020	U	0.014	U	0.019	U
Dibromochloromethane	124-48-1	--	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
Dichlorodifluoromethane	75-71-8	--	--	0.015	U	0.013	U	0.016	U	0.018	U	0.015	U	0.015	U	0.020	U	0.014	U	0.019	U
Ethylbenzene	100-41-4	1	1	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
Freon 113	76-13-1	--	--	0.0059	U	0.0053	U	0.0063	U	0.0074	U	0.0060	U	0.0061	U	0.0080	U	0.0056	U	0.0075	U
Isopropylbenzene	98-82-8	--	2.3	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U

Table 2
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Volatile Organic Compounds

			SAMPLE NAME:	TRC-SB-01 (1-4)		TRC-SB-01 (10-12)		TRC-SB-02 (1-4)		TRC-SB-02 (11.5-13.5)		TRC-SB-03 (1-4)		TRC-SB-03 (10-12)		TRC-SB-04 (1-4)		TRC-SB-04 (12-14)		TRC-SB-05 (1-4)	
			LABORATORY SAMPLE ID:	L2354808-03		L2354808-04		L2354519-03		L2354519-04		L2354519-01		L2354519-02		L2354808-05		L2354808-06		L2355233-05	
			DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/17/2023		9/17/2023		9/18/2023		9/19/2023		9/19/2023		9/20/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result		Result	
m,p-Xylenes	179601-23-1	1.6 [(1)]	--	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
Methyl Acetate	79-20-9	--	--	0.0059	U	0.0053	U	0.0063	U	0.0074	U	0.0060	U	0.0061	U	0.0080	U	0.0056	U	0.0075	U
Methyl tert-butyl ether	1634-04-4	0.93	0.93	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
Methylcyclohexane	108-87-2	--	--	0.0059	U	0.0053	U	0.0063	U	0.0074	U	0.0060	U	0.0061	U	0.0080	U	0.0056	U	0.0075	U
Methylene chloride	75-09-2	0.05	--	0.0073	U	0.0067	U	0.0079	U	0.0092	U	0.0076	U	0.0076	U	0.010	U	0.0070	U	0.0094	U
Naphthalene	91-20-3	--	12	0.0059	U	0.0053	U	0.0063	U	0.0074	U	0.0060	U	0.0061	U	0.0080	U	0.0056	U	0.0075	U
n-Butylbenzene	104-51-8	12	12	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
n-Propylbenzene	103-65-1	3.9	3.9	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
o-Xylene	95-47-6	1.6 [(1)]	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
p-Isopropyltoluene	99-87-6	--	10	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
sec-Butylbenzene	135-98-8	11	11	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
Styrene	100-42-5	--	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.0029	U	0.0027	U	0.0032	U	0.0037	U	0.0030	U	0.0030	U	0.0040	U	0.0028	U	0.0038	U
Tetrachloroethene	127-18-4	1.3	--	0.00073	U	0.00067	U	0.00079	U	0.00092	U	0.00076	U	0.00076	U	0.0073		0.00041	J	0.00094	U
Toluene	108-88-3	0.7	0.7	0.0015	U	0.00078	J	0.0016	U	0.0010	J	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
trans-1,2-Dichloroethene	156-60-5	0.19	--	0.0022	U	0.0020	U	0.0024	U	0.0028	U	0.0023	U	0.0023	U	0.0030	U	0.0021	U	0.0028	U
trans-1,3-Dichloropropene	10061-02-6	--	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
Trichloroethene	79-01-6	0.47	--	0.00073	U	0.00067	U	0.00079	U	0.00092	U	0.00076	U	0.00076	U	0.0010	U	0.0007	U	0.00094	U
Trichlorofluoromethane	75-69-4	--	--	0.0059	U	0.0053	U	0.0063	U	0.0074	U	0.006	U	0.0061	U	0.0080	U	0.0056	U	0.0075	U
Vinyl chloride	75-01-4	0.02	--	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
Xylene (total)	1330-20-7	1.6	0.26	0.0015	U	0.0013	U	0.0016	U	0.0018	U	0.0015	U	0.0015	U	0.0020	U	0.0014	U	0.0019	U
Total TICs		--	--	0.00343	J	ND		ND		ND		ND		ND		ND		ND		0.0171	J

Notes:

-- - No criterion

[(1)] - There are no criteria for m/p xylene or o-xylene. The General Fill Criteria for total xylenes is 1.6 mg/kg.

CAS - Chemical Abstracts Service

CP-51 - Commissioner Policy 51

General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).

J - Estimated value

Light gray shade with bold text value indicates that the result exceeds the corresponding GFC and/or SCL.

mg/kg - milligrams per kilogram

SCL - Soil Cleanup Level

TICs - Tentatively Identified Compounds

TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)

TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)

U - Non-detect

Table 2
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Volatile Organic Compounds

			SAMPLE NAME:	TRC-SB-05 (11-13)		TRC-SB-06 (1-4)		TRC-SB-06 (11-13)		TRC-SB-07 (1-4)		TRC-SB-07 (11-13)		TRC-SB-08 (1-4)		TRC-SB-08 (11.5-13.5)		TRC-SB-101 (8.5-9.5)	
			LABORATORY SAMPLE ID:	L2355233-06		L2354808-01		L2354808-02		L2355233-01		L2355233-02		L2355233-03		L2355233-04		L2355625-04	
			DATE SAMPLE COLLECTED:	9/20/2023		9/19/2023		9/19/2023		9/20/2023		9/20/2023		9/20/2023		9/20/2023		9/21/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result	
1,1,1-Trichloroethane	71-55-6	0.68	--	0.00080	U	0.00072	U	0.00089	U	0.00089	U	0.00054	U	0.00075	U	0.00074	U	0.056	U
1,1,2,2-Tetrachloroethane	79-34-5	--	--	0.00080	U	0.00072	U	0.00089	U	0.00089	U	0.00054	U	0.00075	U	0.00074	U	0.056	U
1,1,2-Trichloroethane	79-00-5	--	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
1,1-Dichloroethane	75-34-3	0.27	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
1,1-Dichloroethene	75-35-4	0.33	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
1,2,3-Trichlorobenzene	87-61-6	--	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.22	U
1,2,4-Trichlorobenzene	120-82-1	--	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.22	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	**4.0**	
1,2-Dibromo-3-chloropropane	96-12-8	--	--	0.0048	U	0.0044	U	0.0053	U	0.0054	U	0.0033	U	0.0045	U	0.0044	U	0.34	U
1,2-Dibromoethane	106-93-4	--	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
1,2-Dichlorobenzene	95-50-1	1.1	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.003	U	0.22	U
1,2-Dichloroethane	107-06-2	0.02	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
1,2-Dichloropropane	78-87-5	--	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	1.6	
1,3-Dichlorobenzene	541-73-1	2.4	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.22	U
1,4-Dichlorobenzene	106-46-7	1.8	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.22	U
2-Butanone (MEK)	78-93-3	0.12	--	0.016	U	0.0040	J	0.018	U	0.0072	J	0.0053	J	0.015	U	0.015	U	1.1	U
2-Hexanone	591-78-6	--	--	0.016	U	0.014	U	0.018	U	0.018	U	0.011	U	0.015	U	0.015	U	1.1	U
4-Methyl-2-pentanone (MIBK)	108-10-1	--	--	0.016	U	0.014	U	0.018	U	0.018	U	0.011	U	0.015	U	0.015	U	1.1	U
Acetone	67-64-1	0.05	--	0.0083	J	0.021		0.018	U	0.018		0.014		0.010	J	0.0094	J	1.1	U
Benzene	71-43-2	0.06	0.06	0.00080	U	0.00072	U	0.00089	U	0.00089	U	0.00054	U	0.00075	U	0.00074	U	0.056	U
Bromochloromethane	74-97-5	--	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.003	U	0.22	U
Bromodichloromethane	75-27-4	--	--	0.00080	U	0.00072	U	0.00089	U	0.00089	U	0.00054	U	0.00075	U	0.00074	U	0.056	U
Bromoform	75-25-2	--	--	0.0064	U	0.0058	U	0.0071	U	0.0071	U	0.0044	U	0.0060	U	0.0059	U	0.45	U
Bromomethane	74-83-9	--	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.22	U
Carbon disulfide	75-15-0	--	--	0.016	U	0.014	U	0.018	U	0.018	U	0.011	U	0.015	U	0.015	U	1.1	U
Carbon tetrachloride	56-23-5	0.76	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
Chlorobenzene	108-90-7	1.1	--	0.00080	U	0.00072	U	0.00089	U	0.00089	U	0.00054	U	0.00075	U	0.00074	U	0.056	U
Chloroethane	75-00-3	--	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.22	U
Chloroform	67-66-3	0.37	--	0.0024	U	0.0022	U	0.0027	U	0.0027	U	0.0016	U	0.0022	U	0.0022	U	0.17	U
Chloromethane	74-87-3	--	--	0.0064	U	0.0058	U	0.0071	U	0.0071	U	0.0044	U	0.0060	U	0.0059	U	0.45	U
cis-1,2-Dichloroethene	156-59-2	0.25	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
cis-1,3-Dichloropropene	10061-01-5	--	--	0.00080	U	0.00072	U	0.00089	U	0.00089	U	0.00054	U	0.00075	U	0.00074	U	0.056	U
Cyclohexane	110-82-7	--	--	0.016	U	0.014	U	0.018	U	0.018	U	0.011	U	0.015	U	0.015	U	1.1	U
Dibromochloromethane	124-48-1	--	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
Dichlorodifluoromethane	75-71-8	--	--	0.016	U	0.014	U	0.018	U	0.018	U	0.011	U	0.015	U	0.015	U	1.1	U
Ethylbenzene	100-41-4	1	1	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.067	J
Freon 113	76-13-1	--	--	0.0064	U	0.0058	U	0.0071	U	0.0071	U	0.0044	U	0.0060	U	0.0059	U	0.45	U
Isopropylbenzene	98-82-8	--	2.3	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	

Table 2
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Volatile Organic Compounds

			SAMPLE NAME:	TRC-SB-05 (11-13)		TRC-SB-06 (1-4)		TRC-SB-06 (11-13)		TRC-SB-07 (1-4)		TRC-SB-07 (11-13)		TRC-SB-08 (1-4)		TRC-SB-08 (11.5-13.5)		TRC-SB-101 (8.5-9.5)	
			LABORATORY SAMPLE ID:	L2355233-06		L2354808-01		L2354808-02		L2355233-01		L2355233-02		L2355233-03		L2355233-04		L2355625-04	
			DATE SAMPLE COLLECTED:	9/20/2023		9/19/2023		9/19/2023		9/20/2023		9/20/2023		9/20/2023		9/20/2023		9/21/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result	
m,p-Xylenes	179601-23-1	1.6 (1)	--	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.12	J
Methyl Acetate	79-20-9	--	--	0.0064	U	0.0058	U	0.0071	U	0.0071	U	0.0044	U	0.0060	U	0.0059	U	0.3	J
Methyl tert-butyl ether	1634-04-4	0.93	0.93	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.22	U
Methylcyclohexane	108-87-2	--	--	0.0064	U	0.0058	U	0.0071	U	0.0071	U	0.0044	U	0.0060	U	0.0059	U	0.45	U
Methylene chloride	75-09-2	0.05	--	0.0080	U	0.0072	U	0.0089	U	0.0089	U	0.0054	U	0.0075	U	0.0074	U	0.56	U
Naphthalene	91-20-3	--	12	0.0064	U	0.0058	U	0.0071	U	0.0071	U	0.0044	U	0.0060	U	0.0059	U	0.57	
n-Butylbenzene	104-51-8	12	12	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.47	
n-Propylbenzene	103-65-1	3.9	3.9	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.48	
o-Xylene	95-47-6	1.6 (1)	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.10	J
p-Isopropyltoluene	99-87-6	--	10	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.23	
sec-Butylbenzene	135-98-8	11	11	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.30	
Styrene	100-42-5	--	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.0032	U	0.0029	U	0.0036	U	0.0036	U	0.0022	U	0.0030	U	0.0030	U	0.016	J
Tetrachloroethene	127-18-4	1.3	--	0.0008	U	0.00072	U	0.00089	U	0.00089	U	0.00054	U	0.00099		0.00074	U	0.069	
Toluene	108-88-3	0.7	0.7	0.00094	J	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.00092	J	0.11	U
trans-1,2-Dichloroethene	156-60-5	0.19	--	0.0024	U	0.0022	U	0.0027	U	0.0027	U	0.0016	U	0.0022	U	0.0022	U	0.17	U
trans-1,3-Dichloropropene	10061-02-6	--	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
Trichloroethene	79-01-6	0.47	--	0.0008	U	0.00072	U	0.00089	U	0.00089	U	0.00054	U	0.00075	U	0.00074	U	0.056	U
Trichlorofluoromethane	75-69-4	--	--	0.0064	U	0.0058	U	0.0071	U	0.0071	U	0.0044	U	0.0060	U	0.0059	U	0.45	U
Vinyl chloride	75-01-4	0.02	--	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.11	U
Xylene (total)	1330-20-7	1.6	0.26	0.0016	U	0.0014	U	0.0018	U	0.0018	U	0.0011	U	0.0015	U	0.0015	U	0.22	J
Total TICs		--	--	0.0133	J	0.0144	J	0.00394	J	0.00993	J	0.00978	J	0.00891	J	0.00933	J	27.3	J

Notes:

-- - No criterion

(1) - There are no criteria for m/p xylene or o-xylene. The General Fill Criteria for total xylenes is 1.6 mg/kg.

CAS - Chemical Abstracts Service

CP-51 - Commissioner Policy 51

General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).

J - Estimated value

Light gray shade with bold text value indicates that the result exceeds the corresponding GFC and/or SCL.

mg/kg - milligrams per kilogram

SCL - Soil Cleanup Level

TICs - Tentatively Identified Compounds

TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)

TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)

U - Non-detect

Table 2
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Volatile Organic Compounds

			SAMPLE NAME:	TRC-SB-101 (10.5-12.5)		TRC-SB-102 (8-10)		TRC-SB-103 (8-10)		TRC-SB-104 (5-7)		TRC-SB-104 (8-10)		TRC-SB-DUP-01		TRC-SB-DUP-03		TRC-SD-01	
			LABORATORY SAMPLE ID:	L2355625-05		L2354519-08		L2354519-09		L2355625-02		L2355625-03		L2354519-05		L2355625-06		L2354808-07	
			DATE SAMPLE COLLECTED:	9/21/2023		9/17/2023		9/17/2023		9/21/2023		9/21/2023		9/17/2023		9/21/2023		9/19/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result	
1,1,1-Trichloroethane	71-55-6	0.68	--	0.00083	U	0.00081	U	0.00072	U	0.0012	U	0.00084	U	0.00082	U	0.00059	U	0.00083	U
1,1,2,2-Tetrachloroethane	79-34-5	--	--	0.00083	U	0.00081	U	0.00072	U	0.0012	U	0.00084	U	0.00082	U	0.00059	U	0.00083	U
1,1,2-Trichloroethane	79-00-5	--	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
1,1-Dichloroethane	75-34-3	0.27	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
1,1-Dichloroethene	75-35-4	0.33	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
1,2,3-Trichlorobenzene	87-61-6	--	--	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
1,2,4-Trichlorobenzene	120-82-1	--	--	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
1,2-Dibromo-3-chloropropane	96-12-8	--	--	0.005	U	0.0048	U	0.0043	U	0.0074	U	0.005	U	0.0049	U	0.0036	U	0.0050	U
1,2-Dibromoethane	106-93-4	--	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
1,2-Dichlorobenzene	95-50-1	1.1	--	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
1,2-Dichloroethane	107-06-2	0.02	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
1,2-Dichloropropane	78-87-5	--	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.0033	U	0.0032	U	0.0029	U	0.005	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
1,3-Dichlorobenzene	541-73-1	2.4	--	0.0033	U	0.0032	U	0.0029	U	0.005	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
1,4-Dichlorobenzene	106-46-7	1.8	--	0.0033	U	0.0032	U	0.0029	U	0.005	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
2-Butanone (MEK)	78-93-3	0.12	--	0.017	U	0.016	U	0.014	U	0.0097	J	0.0042	J	0.016	U	0.012	U	0.016	U
2-Hexanone	591-78-6	--	--	0.017	U	0.016	U	0.014	U	0.025	U	0.017	U	0.016	U	0.012	U	0.016	U
4-Methyl-2-pentanone (MIBK)	108-10-1	--	--	0.017	U	0.016	U	0.014	U	0.025	U	0.017	U	0.016	U	0.012	U	0.016	U
Acetone	67-64-1	0.05	--	0.017	U	0.016	U	0.014	U	0.060		0.016	J	0.016	U	0.012	U	0.016	U
Benzene	71-43-2	0.06	0.06	0.00083	U	0.00081	U	0.00072	U	0.0012	U	0.00084	U	0.00082	U	0.00059	U	0.00083	U
Bromochloromethane	74-97-5	--	--	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
Bromodichloromethane	75-27-4	--	--	0.00083	U	0.00081	U	0.00072	U	0.0012	U	0.00084	U	0.00082	U	0.00059	U	0.00083	U
Bromoform	75-25-2	--	--	0.0066	U	0.0065	U	0.0057	U	0.0099	U	0.0067	U	0.0066	U	0.0047	U	0.0066	U
Bromomethane	74-83-9	--	--	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
Carbon disulfide	75-15-0	--	--	0.017	U	0.016	U	0.014	U	0.025	U	0.017	U	0.016	U	0.012	U	0.016	U
Carbon tetrachloride	56-23-5	0.76	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
Chlorobenzene	108-90-7	1.1	--	0.00083	U	0.00081	U	0.00072	U	0.0012	U	0.00084	U	0.00082	U	0.00059	U	0.00083	U
Chloroethane	75-00-3	--	--	0.0033	U	0.0032	U	0.0029	U	0.005	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
Chloroform	67-66-3	0.37	--	0.0025	U	0.0024	U	0.0021	U	0.0037	U	0.0025	U	0.0025	U	0.0018	U	0.0025	U
Chloromethane	74-87-3	--	--	0.0066	U	0.0065	U	0.0057	U	0.0099	U	0.0067	U	0.0066	U	0.0047	U	0.0066	U
cis-1,2-Dichloroethene	156-59-2	0.25	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
cis-1,3-Dichloropropene	10061-01-5	--	--	0.00083	U	0.00081	U	0.00072	U	0.0012	U	0.00084	U	0.00082	U	0.00059	U	0.00083	U
Cyclohexane	110-82-7	--	--	0.017	U	0.016	U	0.014	U	0.025	U	0.017	U	0.016	U	0.012	U	0.016	U
Dibromochloromethane	124-48-1	--	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
Dichlorodifluoromethane	75-71-8	--	--	0.017	U	0.016	U	0.014	U	0.025	U	0.017	U	0.016	U	0.012	U	0.016	U
Ethylbenzene	100-41-4	1	1	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
Freon 113	76-13-1	--	--	0.0066	U	0.0065	U	0.0057	U	0.0099	U	0.0067	U	0.0066	U	0.0047	U	0.0066	U
Isopropylbenzene	98-82-8	--	2.3	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U

Table 2
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Volatile Organic Compounds

			SAMPLE NAME:	TRC-SB-101 (10.5-12.5)		TRC-SB-102 (8-10)		TRC-SB-103 (8-10)		TRC-SB-104 (5-7)		TRC-SB-104 (8-10)		TRC-SB-DUP-01		TRC-SB-DUP-03		TRC-SD-01	
			LABORATORY SAMPLE ID:	L2355625-05		L2354519-08		L2354519-09		L2355625-02		L2355625-03		L2354519-05		L2355625-06		L2354808-07	
			DATE SAMPLE COLLECTED:	9/21/2023		9/17/2023		9/17/2023		9/21/2023		9/21/2023		9/17/2023		9/21/2023		9/19/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
VOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result	
m,p-Xylenes	179601-23-1	1.6 (1)	--	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
Methyl Acetate	79-20-9	--	--	0.0066	U	0.0065	U	0.0057	U	0.0099	U	0.0067	U	0.0066	U	0.0047	U	0.0066	U
Methyl tert-butyl ether	1634-04-4	0.93	0.93	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
Methylcyclohexane	108-87-2	--	--	0.0066	U	0.0065	U	0.0057	U	0.0099	U	0.0067	U	0.0066	U	0.0047	U	0.0066	U
Methylene chloride	75-09-2	0.05	--	0.0083	U	0.0081	U	0.0072	U	0.012	U	0.0084	U	0.0082	U	0.0059	U	0.0083	U
Naphthalene	91-20-3	--	12	0.0066	U	0.0065	U	0.0057	U	0.0099	U	0.0067	U	0.0066	U	0.0047	U	0.0066	U
n-Butylbenzene	104-51-8	12	12	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
n-Propylbenzene	103-65-1	3.9	3.9	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
o-Xylene	95-47-6	1.6 (1)	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
p-Isopropyltoluene	99-87-6	--	10	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
sec-Butylbenzene	135-98-8	11	11	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
Styrene	100-42-5	--	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.0033	U	0.0032	U	0.0029	U	0.0050	U	0.0034	U	0.0033	U	0.0024	U	0.0033	U
Tetrachloroethene	127-18-4	1.3	--	0.00083	U	0.00081	U	0.00072	U	0.083		0.00084	U	0.00082	U	0.00059	U	0.00052	J
Toluene	108-88-3	0.7	0.7	0.0017	U	0.0016	U	0.00081	J	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
trans-1,2-Dichloroethene	156-60-5	0.19	--	0.0025	U	0.0024	U	0.0021	U	0.0037	U	0.0025	U	0.0025	U	0.0018	U	0.0025	U
trans-1,3-Dichloropropene	10061-02-6	--	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
Trichloroethene	79-01-6	0.47	--	0.00083	U	0.00081	U	0.00072	U	0.0033		0.00084	U	0.00082	U	0.00059	U	0.00083	U
Trichlorofluoromethane	75-69-4	--	--	0.0066	U	0.0065	U	0.0057	U	0.0099	U	0.0067	U	0.0066	U	0.0047	U	0.0066	U
Vinyl chloride	75-01-4	0.02	--	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
Xylene (total)	1330-20-7	1.6	0.26	0.0017	U	0.0016	U	0.0014	U	0.0025	U	0.0017	U	0.0016	U	0.0012	U	0.0016	U
Total TICs		--	--	ND		ND		ND		0.254	J	0.00356	J	ND		ND		ND	

Notes:

-- - No criterion

(1) - There are no criteria for m/p xylene or o-xylene. The General Fill Criteria for total xylenes is 1.6 mg/kg.

CAS - Chemical Abstracts Service

CP-51 - Commissioner Policy 51

General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).

J - Estimated value

Light gray shade with bold text value indicates that the result exceeds the corresponding GFC and/or SCL.

mg/kg - milligrams per kilogram

SCL - Soil Cleanup Level

TICs - Tentatively Identified Compounds

TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)

TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)

U - Non-detect

Table 3
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Semivolatile Organic Compounds

			SAMPLE NAME:	TRC-SB-01 (1-4)		TRC-SB-01 (10-12)		TRC-SB-02 (1-4)		TRC-SB-DUP-01		TRC-SB-02 (11.5-13.5)		TRC-SB-03 (1-4)		TRC-SB-03 (10-12)		TRC-SB-04 (1-4)		TRC-SB-04 (12-14)	
			LABORATORY SAMPLE ID:	L2354808-03		L2354808-04		L2354519-03		L2354519-05		L2354519-04		L2354519-01		L2354519-02		L2354808-05		L2354808-06	
			DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/17/2023		9/17/2023		9/17/2023		9/18/2023		9/19/2023		9/19/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result		Result	
1,1'-Biphenyl	92-52-4	--	--	1.0	J	0.39	U	0.42	U	0.43	U	0.44	U	0.45	J	0.51	U	0.43	U	0.50	U
1,2,4,5-Tetrachlorobenzene	95-94-3	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
1,4-Dioxane	123-91-1	0.1	--	0.51	U	0.026	U	0.028	U	0.028	U	0.029	U	0.032	U	0.033	U	0.028	U	0.033	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2,4,5-Trichlorophenol	95-95-4	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2,4,6-Trichlorophenol	88-06-2	--	--	2.0	U	0.1	U	0.11	U	0.11	U	0.12	U	0.13	U	0.13	U	0.11	U	0.13	U
2,4-Dichlorophenol	120-83-2	--	--	3.1	U	0.15	U	0.17	U	0.17	U	0.17	U	0.19	U	0.20	U	0.17	U	0.20	U
2,4-Dimethylphenol	105-67-9	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2,4-Dinitrophenol	51-28-5	--	--	16	U	0.82	U	0.89	U	0.91	U	0.92	U	1.0	U	1.1	U	0.91	U	1.1	U
2,4-Dinitrotoluene	121-14-2	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2,6-Dinitrotoluene	606-20-2	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2-Chloronaphthalene	91-58-7	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2-Chlorophenol	95-57-8	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2-Methylnaphthalene	91-57-6	--	--	4.1		0.20	U	0.036	J	0.23	U	0.23	U	1.8		0.27	U	0.23	U	0.26	U
2-Methylphenol	95-48-7	0.33	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2-Nitroaniline	88-74-4	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
2-Nitrophenol	88-75-5	--	--	7.4	U	0.37	U	0.40	U	0.41	U	0.42	U	0.46	U	0.48	U	0.41	U	0.48	U
3&4-Methylphenol	59-50-7	0.33	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
3,3'-Dicholorobenzidine	91-94-1	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
3-Nitroaniline	99-09-2	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
4,6-Dinitro-o-cresol	534-52-1	--	--	8.9	U	0.44	U	0.48	U	0.49	U	0.50	U	0.56	U	0.58	U	0.49	U	0.58	U
4-Bromophenyl-phenylether	101-55-3	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
4-Chloro-3-methylphenol	59-50-7	--	--	4.9	U	0.24	U	0.27	U	0.27	U	0.28	U	0.085	J	0.32	U	0.27	U	0.32	U
4-Chloroaniline	106-47-8	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
4-Chlorophenyl-phenyl ether	7005-72-3	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
4-Nitroaniline	100-01-6	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
4-Nitrophenol	100-02-7	--	--	4.8	U	0.24	U	0.26	U	0.26	U	0.27	U	0.30	U	0.31	U	0.27	U	0.31	U
Acenaphthene	83-32-9	98	20	7.2		0.019	J	0.073	J	0.022	J	0.15	U	4.1		0.18	U	0.025	J	0.18	U
Acenaphthylene	208-96-8	107	100	2.7	U	0.14	U	0.15	U	0.15	U	0.15	U	0.62		0.18	U	0.15	U	0.18	U
Acetophenone	98-86-2	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.048	J	0.22	U	0.19	U	0.22	U
Anthracene	120-12-7	100	100	15		0.042	J	0.19		0.061	J	0.12	U	6.6		0.13	U	0.047	J	0.13	U
Atrazine	1912-24-9	--	--	2.7	U	0.14	U	0.15	U	0.15	U	0.15	U	0.17	U	0.18	U	0.15	U	0.18	U
Benzaldehyde	100-52-7	--	--	4.5	U	0.22	U	0.24	U	0.25	U	0.25	U	0.28	U	0.29	U	0.25	U	0.29	U
Benzo(a) anthracene	56-55-3	1	1	**27**		0.10		0.64		0.24		0.12	U	**18**	**E**	0.13	U	0.17		0.13	U
Benzo(a) pyrene	50-32-8	1	1	**25**		0.11	J	0.68		0.24		0.15	U	**18**	**E**	0.18	U	0.19		0.18	U
Benzo(b) fluoranthene	205-99-2	1	1	**33**		0.13		0.8		0.29		0.12	U	**22**	**E**	0.13	U	0.20		0.13	U
Benzo(g,h,i) perylene	191-24-2	100	100	15		0.079	J	0.43		0.14	J	0.15	U	11	E	0.18	U	0.12	J	0.18	U
Benzo(k) fluoranthene	207-08-9	1	0.8	**9.3**		0.054	J	0.24		0.084	J	0.12	U	**5.9**		0.13	U	0.081	J	0.13	U
bis(2-Chloroethoxy) methane	111-91-1	--	--	3.7	U	0.18	U	0.20	U	0.2	U	0.21	U	0.23	U	0.24	U	0.20	U	0.24	U
bis(2-Chloroethyl) ether	111-44-4	--	--	3.1	U	0.15	U	0.17	U	0.17	U	0.17	U	0.19	U	0.20	U	0.17	U	0.20	U
bis(2-Chloroisopropyl) ether	108-60-1	--	--	4.1	U	0.2	U	0.22	U	0.23	U	0.23	U	0.26	U	0.27	U	0.23	U	0.26	U
bis(2-Ethylhexyl) phthalate	117-81-7	--	--	3.4	U	0.17	U	0.094	J	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U

Table 3
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

			SAMPLE NAME:	TRC-SB-01 (1-4)		TRC-SB-01 (10-12)		TRC-SB-02 (1-4)		TRC-SB-DUP-01		TRC-SB-02 (11.5-13.5)		TRC-SB-03 (1-4)		TRC-SB-03 (10-12)		TRC-SB-04 (1-4)		TRC-SB-04 (12-14)	
			LABORATORY SAMPLE ID:	L2354808-03		L2354808-04		L2354519-03		L2354519-05		L2354519-04		L2354519-01		L2354519-02		L2354808-05		L2354808-06	
			DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/17/2023		9/17/2023		9/17/2023		9/18/2023		9/19/2023		9/19/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result		Result	
Butyl benzyl phthalate	85-68-7	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
Caprolactam	105-60-2	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
Carbazole	86-74-8	--	--	9.6		0.036	J	0.13	J	0.041	J	0.19	U	4.5		0.22	U	0.029	J	0.22	U
Chrysene	218-01-9	1	1	**27**		0.11		0.66		0.26		0.12	U	**19**	**E**	0.13	U	0.17		0.13	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	**3.4**		0.10	U	0.097	J	0.034	J	0.12	U	**2.5**		0.13	U	0.029	J	0.13	U
Dibenzofuran	132-64-9	14	--	7.3		0.019	J	0.046	J	0.019	J	0.19	U	3.1		0.22	U	0.19	U	0.22	U
Diethyl phthalate	84-66-2	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.026	J	0.19	U	0.22	U
Dimethyl phthalate	131-11-3	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
Di-n-butyl phthalate	84-74-2	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
Di-n-octyl phthalate	117-84-0	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
Fluoranthene	206-44-0	100	100	63		0.29		1.6		0.54		0.037	J	28	E	0.13	U	0.41		0.029	J
Fluorene	86-73-7	100	30	8.8		0.023	J	0.073	J	0.026	J	0.19	U	4.6		0.22	U	0.021	J	0.22	U
Hexachlorobenzene	118-74-1	0.33	--	2.0	U	0.10	U	0.11	U	0.11	U	0.12	U	0.13	U	0.13	U	0.11	U	0.13	U
Hexachlorobutadiene	87-68-3	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
Hexachlorocyclopentadiene	77-47-4	--	--	9.8	U	0.49	U	0.53	U	0.54	U	0.55	U	0.61	U	0.64	U	0.54	U	0.63	U
Hexachloroethane	67-72-1	--	--	2.7	U	0.14	U	0.15	U	0.15	U	0.15	U	0.17	U	0.18	U	0.15	U	0.18	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	**16**		0.095	J	**0.51**		0.17		0.15	U	**14**	**E**	0.18	U	0.14	J	0.18	U
Isophorone	78-59-1	--	--	3.1	U	0.15	U	0.17	U	0.17	U	0.17	U	0.19	U	0.20	U	0.17	U	0.20	U
Naphthalene	91-20-3	12	12	7.1		0.17	U	0.033	J	0.19	U	0.19	U	2.8		0.22	U	0.19	U	0.22	U
Nitrobenzene	98-95-3	--	--	3.1	U	0.15	U	0.17	U	0.17	U	0.17	U	0.19	U	0.2	U	0.17	U	0.2	U
N-Nitroso-di-n-propylamine	621-64-7	--	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.21	U	0.22	U	0.19	U	0.22	U
N-Nitrosodiphenylamine	86-30-6	--	--	2.7	U	0.14	U	0.15	U	0.15	U	0.15	U	0.17	U	0.18	U	0.15	U	0.18	U
Pentachlorophenol	87-86-5	0.8	--	2.7	U	0.14	U	0.15	U	0.15	U	0.15	U	0.17	U	0.18	U	0.15	U	0.18	U
Phenanthrene	85-01-8	100	100	79		0.27		1.1		0.42		0.12	U	28	E	0.13	U	0.30		0.13	U
Phenol	108-95-2	0.33	--	3.4	U	0.17	U	0.18	U	0.19	U	0.19	U	0.056	J	0.22	U	0.19	U	0.22	U
Pyrene	129-00-0	100	100	50		0.22		1.3		0.44		0.03	J	27	E	0.13	U	0.38		0.025	J
Total TICs		--	--	121	J	ND		1.43	J	0.179	J	ND		63.9	J	ND		ND		ND	

Notes:
-- - No criterion
CAS - Chemical Abstracts Service
CP-51 - Commissioner Policy 51
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).
J - Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC and/or SCL.
mg/kg - milligrams per kilogram
SCL - Soil Cleanup Level
TICs - Tentatively Identified Compounds
TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)
TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)
U - Non-detect

Table 3
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

			SAMPLE NAME:	TRC-SB-05 (1-4)		TRC-SB-05 (11-13)		TRC-SB-06 (1-4)		TRC-SB-06 (11-13)		TRC-SB-07 (1-4)		TRC-SB-07 (11-13)		TRC-SB-08 (1-4)		TRC-SB-08 (11.5-13.5)	
			LABORATORY SAMPLE ID:	L2355233-05		L2355233-06		L2354808-01		L2354808-02		L2355233-01		L2355233-02		L2355233-03		L2355233-04	
			DATE SAMPLE COLLECTED:	9/20/2023		9/20/2023		9/19/2023		9/19/2023		9/20/2023		9/20/2023		9/20/2023		9/20/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result	
1,1'-Biphenyl	92-52-4	--	--	0.097	J	0.51	U	0.026	J	0.48	U	0.44	U	0.46	U	0.42	U	0.39	U
1,2,4,5-Tetrachlorobenzene	95-94-3	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
1,4-Dioxane	123-91-1	0.1	--	0.031	U	0.033	U	0.03	U	0.032	U	0.029	U	0.03	U	0.028	U	0.026	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2,4,5-Trichlorophenol	95-95-4	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2,4,6-Trichlorophenol	88-06-2	--	--	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.11	U	0.10	U
2,4-Dichlorophenol	120-83-2	--	--	0.19	U	0.20	U	0.18	U	0.19	U	0.17	U	0.18	U	0.17	U	0.16	U
2,4-Dimethylphenol	105-67-9	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2,4-Dinitrophenol	51-28-5	--	--	1.0	U	1.1	U	0.96	U	1.0	U	0.92	U	0.96	U	0.89	U	0.83	U
2,4-Dinitrotoluene	121-14-2	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2,6-Dinitrotoluene	606-20-2	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2-Chloronaphthalene	91-58-7	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2-Chlorophenol	95-57-8	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2-Methylnaphthalene	91-57-6	--	--	0.28		0.27	U	0.10	J	0.25	U	0.055	J	0.24	U	0.025	J	0.21	U
2-Methylphenol	95-48-7	0.33	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2-Nitroaniline	88-74-4	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
2-Nitrophenol	88-75-5	--	--	0.45	U	0.48	U	0.43	U	0.46	U	0.41	U	0.43	U	0.40	U	0.37	U
3&4-Methylphenol	59-50-7	0.33	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
3,3'-Dicholorobenzidine	91-94-1	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
3-Nitroaniline	99-09-2	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
4,6-Dinitro-o-cresol	534-52-1	--	--	0.54	U	0.58	U	0.52	U	0.55	U	0.50	U	0.52	U	0.48	U	0.45	U
4-Bromophenyl-phenylether	101-55-3	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
4-Chloro-3-methylphenol	59-50-7	--	--	0.30	U	0.32	U	0.29	U	0.30	U	0.28	U	0.29	U	0.27	U	0.25	U
4-Chloroaniline	106-47-8	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
4-Chlorophenyl-phenyl ether	7005-72-3	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
4-Nitroaniline	100-01-6	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
4-Nitrophenol	100-02-7	--	--	0.29	U	0.31	U	0.28	U	0.30	U	0.27	U	0.28	U	0.26	U	0.24	U
Acenaphthene	83-32-9	98	20	0.82		0.18	U	0.16		0.17	U	0.25		0.16	U	0.026	J	0.14	U
Acenaphthylene	208-96-8	107	100	0.16	J	0.18	U	0.05	J	0.17	U	0.11	J	0.16	U	0.15	U	0.14	U
Acetophenone	98-86-2	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Anthracene	120-12-7	100	100	1.7		0.13	U	0.36		0.13	U	0.55		0.12	U	0.038	J	0.10	U
Atrazine	1912-24-9	--	--	0.17	U	0.18	U	0.16	U	0.17	U	0.15	U	0.16	U	0.15	U	0.14	U
Benzaldehyde	100-52-7	--	--	0.28	U	0.29	U	0.26	U	0.28	U	0.25	U	0.26	U	0.24	U	0.23	U
Benzo(a) anthracene	56-55-3	1	1	**3.4**		0.13	U	**1.7**		0.054	J	**1.3**		0.12	U	0.098	J	0.037	J
Benzo(a) pyrene	50-32-8	1	1	**3.5**		0.18	U	**2.4**		0.076	J	**1.2**		0.16	U	0.10	J	0.14	U
Benzo(b) fluoranthene	205-99-2	1	1	**4.2**		0.13	U	**2.8**		0.08	J	**1.4**		0.12	U	0.12		0.044	J
Benzo(g,h,i) perylene	191-24-2	100	100	2.3		0.18	U	1.9		0.057	J	0.76		0.16	U	0.063	J	0.026	J
Benzo(k) fluoranthene	207-08-9	1	0.8	**1.3**		0.13	U	**0.94**		0.13	U	0.54		0.12	U	0.043	J	0.10	U
bis(2-Chloroethoxy) methane	111-91-1	--	--	0.22	U	0.24	U	0.22	U	0.23	U	0.21	U	0.22	U	0.20	U	0.19	U
bis(2-Chloroethyl) ether	111-44-4	--	--	0.19	U	0.20	U	0.18	U	0.19	U	0.17	U	0.18	U	0.17	U	0.16	U
bis(2-Chloroisopropyl) ether	108-60-1	--	--	0.25	U	0.27	U	0.24	U	0.25	U	0.23	U	0.24	U	0.22	U	0.21	U
bis(2-Ethylhexyl) phthalate	117-81-7	--	--	0.18	J	0.22	U	0.14	J	0.084	J	0.19	U	0.20	U	0.28		0.22	

Table 3
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

			SAMPLE NAME:	TRC-SB-05 (1-4)		TRC-SB-05 (11-13)		TRC-SB-06 (1-4)		TRC-SB-06 (11-13)		TRC-SB-07 (1-4)		TRC-SB-07 (11-13)		TRC-SB-08 (1-4)		TRC-SB-08 (11.5-13.5)	
			LABORATORY SAMPLE ID:	L2355233-05		L2355233-06		L2354808-01		L2354808-02		L2355233-01		L2355233-02		L2355233-03		L2355233-04	
			DATE SAMPLE COLLECTED:	9/20/2023		9/20/2023		9/19/2023		9/19/2023		9/20/2023		9/20/2023		9/20/2023		9/20/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result	
Butyl benzyl phthalate	85-68-7	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Caprolactam	105-60-2	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Carbazole	86-74-8	--	--	0.96		0.22	U	0.26		0.21	U	0.27		0.20	U	0.02	J	0.17	U
Chrysene	218-01-9	1	1	**3.9**		0.13	U	**1.8**		0.056	J	**1.4**		0.12	U	0.11		0.039	J
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	**0.5**		0.13	U	**0.38**		0.13	U	0.16		0.12	U	0.11	U	0.10	U
Dibenzofuran	132-64-9	14	--	0.69		0.22	U	0.11	J	0.21	U	0.16	J	0.20	U	0.19	U	0.17	U
Diethyl phthalate	84-66-2	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Dimethyl phthalate	131-11-3	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Di-n-butyl phthalate	84-74-2	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Di-n-octyl phthalate	117-84-0	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Fluoranthene	206-44-0	100	100	7.1		0.13	U	4.1		0.11	J	2.7		0.12	U	0.20		0.064	J
Fluorene	86-73-7	100	30	0.98		0.22	U	0.17	J	0.21	U	0.24		0.2	U	0.021	J	0.17	U
Hexachlorobenzene	118-74-1	0.33	--	0.12	U	0.13	U	0.12	U	0.13	U	0.11	U	0.12	U	0.11	U	0.10	U
Hexachlorobutadiene	87-68-3	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Hexachlorocyclopentadiene	77-47-4	--	--	0.60	U	0.63	U	0.57	U	0.60	U	0.55	U	0.57	U	0.53	U	0.49	U
Hexachloroethane	67-72-1	--	--	0.17	U	0.18	U	0.16	U	0.17	U	0.15	U	0.16	U	0.15	U	0.14	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	**2.5**		0.18	U	**2.2**		0.059	J	**0.80**		0.16	U	0.068	J	0.024	J
Isophorone	78-59-1	--	--	0.19	U	0.20	U	0.18	U	0.19	U	0.17	U	0.18	U	0.17	U	0.16	U
Naphthalene	91-20-3	12	12	0.51		0.22	U	0.11	J	0.21	U	0.11	J	0.20	U	0.048	J	0.17	U
Nitrobenzene	98-95-3	--	--	0.19	U	0.20	U	0.18	U	0.19	U	0.17	U	0.18	U	0.17	U	0.16	U
N-Nitroso-di-n-propylamine	621-64-7	--	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
N-Nitrosodiphenylamine	86-30-6	--	--	0.17	U	0.18	U	0.16	U	0.17	U	0.15	U	0.16	U	0.15	U	0.14	U
Pentachlorophenol	87-86-5	0.8	--	0.17	U	0.18	U	0.16	U	0.17	U	0.15	U	0.16	U	0.15	U	0.14	U
Phenanthrene	85-01-8	100	100	8.0		0.13	U	2.4		0.083	J	2.7		0.029	J	0.18		0.046	J
Phenol	108-95-2	0.33	--	0.21	U	0.22	U	0.20	U	0.21	U	0.19	U	0.20	U	0.19	U	0.17	U
Pyrene	129-00-0	100	100	6.0		0.13	U	3.5		0.10	J	2.3		0.02	J	0.18		0.055	J
Total TICs		--	--	20.7	J	ND		8.2	J	ND		4.55	J	ND		0.438	J	0.294	J

Notes:
-- - No criterion
CAS - Chemical Abstracts Service
CP-51 - Commissioner Policy 51
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).
J - Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC and/or SCL.
mg/kg - milligrams per kilogram
SCL - Soil Cleanup Level
TICs - Tentatively Identified Compounds
TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)
TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)
U - Non-detect

Table 3
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

			SAMPLE NAME:	TRC-SB-101 (8.5-9.5)		TRC-SB-101 (10.5-12.5)		TRC-SB-DUP-03		TRC-SB-102 (8-10)		TRC-SB-103 (8-10)		TRC-SB-104 (5-7)		TRC-SB-104 (8-10)		TRC-SD-01	
			LABORATORY SAMPLE ID:	L2355625-04		L2355625-05		L2355625-06		L2354519-08		L2354519-09		L2355625-02		L2355625-03		L2354808-07	
			DATE SAMPLE COLLECTED:	9/21/2023		9/21/2023		9/21/2023		9/17/2023		9/17/2023		9/21/2023		9/21/2023		9/19/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result	
1,1'-Biphenyl	92-52-4	--	--	0.46	U	0.46	U	0.46	U	0.50	U	0.47	U	0.50	U	0.50	U	0.53	U
1,2,4,5-Tetrachlorobenzene	95-94-3	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
1,4-Dioxane	123-91-1	0.1	--	0.03	U	0.03	U	0.031	U	0.033	U	0.031	U	0.033	U	0.033	U	0.035	U
2,3,4,6-Tetrachlorophenol	58-90-2	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2,4,5-Trichlorophenol	95-95-4	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2,4,6-Trichlorophenol	88-06-2	--	--	0.12	U	0.12	U	0.12	U	0.13	U	0.12	U	0.13	U	0.13	U	0.14	U
2,4-Dichlorophenol	120-83-2	--	--	0.18	U	0.18	U	0.18	U	0.20	U	0.18	U	0.20	U	0.20	U	0.21	U
2,4-Dimethylphenol	105-67-9	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2,4-Dinitrophenol	51-28-5	--	--	0.97	U	0.97	U	0.98	U	1.0	U	0.98	U	1.0	U	1.1	U	1.1	U
2,4-Dinitrotoluene	121-14-2	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2,6-Dinitrotoluene	606-20-2	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2-Chloronaphthalene	91-58-7	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2-Chlorophenol	95-57-8	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2-Methylnaphthalene	91-57-6	--	--	0.24	U	0.53		0.24	U	0.26	U	0.25	U	0.26	U	0.26	U	0.10	J
2-Methylphenol	95-48-7	0.33	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2-Nitroaniline	88-74-4	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
2-Nitrophenol	88-75-5	--	--	0.43	U	0.44	U	0.44	U	0.47	U	0.44	U	0.47	U	0.48	U	0.50	U
3&4-Methylphenol	59-50-7	0.33	--	0.20	U	0.20	U	0.2	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
3,3'-Dicholorobenzidine	91-94-1	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
3-Nitroaniline	99-09-2	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
4,6-Dinitro-o-cresol	534-52-1	--	--	0.52	U	0.53	U	0.53	U	0.57	U	0.53	U	0.57	U	0.58	U	0.61	U
4-Bromophenyl-phenylether	101-55-3	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
4-Chloro-3-methylphenol	59-50-7	--	--	0.29	U	0.29	U	0.29	U	0.31	U	0.30	U	0.32	U	0.32	U	0.34	U
4-Chloroaniline	106-47-8	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
4-Chlorophenyl-phenyl ether	7005-72-3	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
4-Nitroaniline	100-01-6	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
4-Nitrophenol	100-02-7	--	--	0.28	U	0.28	U	0.29	U	0.31	U	0.29	U	0.31	U	0.31	U	0.33	U
Acenaphthene	83-32-9	98	20	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	0.18	U	0.18	U	0.15	J
Acenaphthylene	208-96-8	107	100	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	0.18	U	0.18	U	0.18	J
Acetophenone	98-86-2	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.042	J
Anthracene	120-12-7	100	100	0.12	U	0.12	U	0.12	U	0.046	J	0.054	J	0.13	U	0.13	U	0.59	
Atrazine	1912-24-9	--	--	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	0.18	U	0.18	U	0.19	U
Benzaldehyde	100-52-7	--	--	0.26	U	0.27	U	0.27	U	0.29	U	0.27	U	0.29	U	0.29	U	0.31	U
Benzo(a) anthracene	56-55-3	1	1	0.12	U	0.072	J	0.12	U	0.17		0.23		0.13	U	0.13	U	**2.5**	
Benzo(a) pyrene	50-32-8	1	1	0.16	U	0.16	U	0.16	U	0.17		0.21		0.18	U	0.18	U	**2.4**	
Benzo(b) fluoranthene	205-99-2	1	1	0.12	U	0.12	U	0.12	U	0.21		0.26		0.13	U	0.13	U	**2.9**	
Benzo(g,h,i) perylene	191-24-2	100	100	0.16	U	0.16	U	0.16	U	0.092	J	0.12	J	0.18	U	0.18	U	1.5	
Benzo(k) fluoranthene	207-08-9	1	0.8	0.12	U	0.12	U	0.12	U	0.055	J	0.087	J	0.13	U	0.13	U	**1.0**	
bis(2-Chloroethoxy) methane	111-91-1	--	--	0.22	U	0.22	U	0.22	U	0.24	U	0.22	U	0.24	U	0.24	U	0.25	U
bis(2-Chloroethyl) ether	111-44-4	--	--	0.18	U	0.18	U	0.18	U	0.20	U	0.18	U	0.20	U	0.20	U	0.21	U
bis(2-Chloroisopropyl) ether	108-60-1	--	--	0.24	U	0.24	U	0.24	U	0.26	U	0.25	U	0.26	U	0.26	U	0.28	U
bis(2-Ethylhexyl) phthalate	117-81-7	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.34	

Table 3
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Semivolatile Organic Compounds

			SAMPLE NAME:	TRC-SB-101 (8.5-9.5)		TRC-SB-101 (10.5-12.5)		TRC-SB-DUP-03		TRC-SB-102 (8-10)		TRC-SB-103 (8-10)		TRC-SB-104 (5-7)		TRC-SB-104 (8-10)		TRC-SD-01	
			LABORATORY SAMPLE ID:	L2355625-04		L2355625-05		L2355625-06		L2354519-08		L2354519-09		L2355625-02		L2355625-03		L2354808-07	
			DATE SAMPLE COLLECTED:	9/21/2023		9/21/2023		9/21/2023		9/17/2023		9/17/2023		9/21/2023		9/21/2023		9/19/2023	
			MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
SEMIVOLATILE ORGANIC COMPOUNDS (mg/kg)	CAS Number	General Fill Criteria	CP-51 Tables 2 & 3 SCL	Result		Result		Result		Result		Result		Result		Result		Result	
Butyl benzyl phthalate	85-68-7	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	2.0	
Caprolactam	105-60-2	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
Carbazole	86-74-8	--	--	0.20	U	0.20	U	0.20	U	0.021	J	0.033	J	0.22	U	0.22	U	0.28	
Chrysene	218-01-9	1	1	0.12	U	0.098	J	0.12	U	0.17		0.27		0.13	U	0.13	U	2.4	
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.12	U	0.12	U	0.12	U	0.13	U	0.031	J	0.13	U	0.13	U	**0.4**	
Dibenzofuran	132-64-9	14	--	0.20	U	0.20	U	0.20	U	0.22	U	0.019	J	0.22	U	0.22	U	0.11	J
Diethyl phthalate	84-66-2	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
Dimethyl phthalate	131-11-3	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
Di-n-butyl phthalate	84-74-2	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
Di-n-octyl phthalate	117-84-0	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
Fluoranthene	206-44-0	100	100	0.12	U	0.16		0.12	U	0.41		0.50		0.13	U	0.13	U	4.7	
Fluorene	86-73-7	100	30	0.20	U	0.033	J	0.20	U	0.22	U	0.023	J	0.22	U	0.22	U	0.17	J
Hexachlorobenzene	118-74-1	0.33	--	0.12	U	0.12	U	0.12	U	0.13	U	0.12	U	0.13	U	0.13	U	0.14	U
Hexachlorobutadiene	87-68-3	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
Hexachlorocyclopentadiene	77-47-4	--	--	0.58	U	0.58	U	0.58	U	0.62	U	0.59	U	0.63	U	0.63	U	0.67	U
Hexachloroethane	67-72-1	--	--	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	0.18	U	0.18	U	0.19	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.16	U	0.16	U	0.16	U	0.11	J	0.13	J	0.18	U	0.18	U	**1.8**	
Isophorone	78-59-1	--	--	0.18	U	0.18	U	0.18	U	0.20	U	0.18	U	0.20	U	0.20	U	0.21	U
Naphthalene	91-20-3	12	12	0.20	U	0.26		0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.088	J
Nitrobenzene	98-95-3	--	--	0.18	U	0.18	U	0.18	U	0.20	U	0.18	U	0.20	U	0.20	U	0.21	U
N-Nitroso-di-n-propylamine	621-64-7	--	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
N-Nitrosodiphenylamine	86-30-6	--	--	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	0.18	U	0.18	U	0.19	U
Pentachlorophenol	87-86-5	0.8	--	0.16	U	0.16	U	0.16	U	0.17	U	0.16	U	0.18	U	0.18	U	0.19	U
Phenanthrene	85-01-8	100	100	0.12	U	0.19		0.12	U	0.25		0.36		0.13	U	0.13	U	2.2	
Phenol	108-95-2	0.33	--	0.20	U	0.20	U	0.20	U	0.22	U	0.20	U	0.22	U	0.22	U	0.23	U
Pyrene	129-00-0	100	100	0.12	U	0.20		0.12	U	0.35		0.46		0.13	U	0.13	U	4.2	
Total TICs		--	--	ND		49	J	ND		ND		0.269	J	0.636	J	ND		0.774	J

Notes:
-- - No criterion
CAS - Chemical Abstracts Service
CP-51 - Commissioner Policy 51
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).
J - Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC and/or SCL.
mg/kg - milligrams per kilogram
SCL - Soil Cleanup Level
TICs - Tentatively Identified Compounds
TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)
TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)
U - Non-detect

Table 4
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Metals and Cyanide

		SAMPLE NAME:	TRC-SB-01 (1-4)		TRC-SB-01 (10-12)		TRC-SB-02 (1-4)		TRC-SB-DUP-01		TRC-SB-02 (11.5-13.5)		TRC-SB-03 (1-4)		TRC-SB-03 (10-12)		TRC-SB-04 (1-4)		TRC-SB-04 (12-14)	
		LABORATORY SAMPLE ID:	L2354808-03		L2354808-04		L2354519-03		L2354519-05		L2354519-04		L2354519-01		L2354519-02		L2354808-05		L2354808-06	
		DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/17/2023		9/17/2023		9/17/2023		9/18/2023		9/19/2023		9/19/2023	
		MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
METALS AND CYANIDE (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result		Result		Result	
Antimony	7440-36-0	--	0.667	J	2.02	U	0.683	J	1.07	J	2.31	U	107		2.59	U	15.6		2.56	U
Arsenic	7440-38-2	16	5.26		1.35		**16.1**		**19.5**		2.72		**27.4**		1.36		**23.2**		4.36	
Barium	7440-39-3	350	59.4		47.4		136		292		100		**498**		88.7		168		132	
Beryllium	7440-41-7	14	0.455		0.431		0.773		0.53		0.675		0.598		0.858		0.717		1.28	
Cadmium	7440-43-9	2.5	0.169	J	0.404	U	0.153	J	0.343	J	0.061	J	**11.8**		0.106	J	1.13		0.511	U
Chromium, Total[1]	7440-47-3	36	13.5		13.1		27.4		21.5		25.0		**39.2**		31.8		19.6		**44.3**	
Chromium, Hexavalent	18540-29-9	19	0.174	J	0.838	U	0.317	J	0.332	J	0.332	J	1.04	U	0.376	J	0.209	J	0.659	J
Cyanide	544-92-3	27	0.99	U	0.25	J	1.1	U	1.1	U	1.2	U	1.3	U	1.3	U	1.1	U	1.3	U
Copper	7440-50-8	270	27.1		17.8		54.5		131		30.5		**521**		20.6		267		30.5	
Lead	7439-92-1	400	55.7		9.02		**527**		**1,130**		67.4		**2,240**		10.2		**879**		23.8	
Manganese	7439-96-5	2,000	313		362		383		239		382		344		562		313		484	
Mercury	7439-97-6	0.73	0.0960		0.0660	U	**1.38**		**0.979**		0.0820	U	**19.0**		0.0980	U	0.151		0.0850	U
Nickel	7440-02-0	130	13.6		10.7		18.4		15.1		18.9		48.9		23.2		29.6		27.7	
Selenium	7782-49-2	4	0.170	J	0.807	U	0.612	J	1.16		0.199	J	1.13		1.04	U	0.654	J	1.02	U
Silver	7440-22-4	8.3	0.199	U	0.145	J	0.380		0.491		0.188	J	1.03		0.180	J	0.945		0.256	U
Thallium	7440-28-0	--	1.50		2.29		4.73		2.19		4.35		1.32		5.66		0.829	J	7.02	
Zinc	7440-66-6	2,200	93.3		37.7		148		274		106		955		96.7		586		139	

Notes:
-- - No criterion
- - Not analyzed
[1] - There is no criteria for total chromium. The General Fill Criteria for trivalent chromium is listed.
CAS - Chemical Abstracts Service
General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).
J - Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC.
mg/kg - milligrams per kilogram
TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)
TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)
U - Non-detect

Table 4
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Metals and Cyanide

		SAMPLE NAME:	TRC-SB-05 (1-4)		TRC-SB-05 (11-13)		TRC-SB-06 (1-4)		TRC-SB-06 (11-13)		TRC-SB-07 (1-4)		TRC-SB-07 (11-13)		TRC-SB-08 (1-4)		TRC-SB-08 (11.5-13.5)		TRC-SB-101 (8.5-9.5)	
		LABORATORY SAMPLE ID:	L2355233-05		L2355233-06		L2354808-01		L2354808-02		L2355233-01		L2355233-02		L2355233-03		L2355233-04		L2355625-04	
		DATE SAMPLE COLLECTED:	9/20/2023		9/20/2023		9/19/2023		9/19/2023		9/20/2023		9/20/2023		9/20/2023		9/20/2023		9/21/2023	
		MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
METALS AND CYANIDE (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result		Result		Result	
Antimony	7440-36-0	--	1.04	J	2.67	U	2.27	U	2.53	U	0.701	J	2.38	U	2.17	U	2.02	U	-	
Arsenic	7440-38-2	16	7.18		1.60		1.72		1.68		2.54		4.65		3.09		1.06		-	
Barium	7440-39-3	350	101		62.0		98.9		102		46.2		16.2		39.8		34.5		-	
Beryllium	7440-41-7	14	0.626		0.770		0.787		0.782		0.328		0.34		0.401		0.435		-	
Cadmium	7440-43-9	2.5	0.252	J	0.240	J	0.454	U	0.505	U	0.063	J	0.475	U	0.073	J	0.405	U	-	
Chromium, Total[1]	7440-47-3	36	18.9		25.2		31.2		30.7		10.6		8.48		13.3		9.10		-	
Chromium, Hexavalent	18540-29-9	19	1.01	U	0.244	J	0.959	U	0.234	J	0.705	J	0.973	U	0.909	U	0.836	U	-	
Cyanide	544-92-3	27	1.1	U	1.3	U	1.2	U	1.3	U	1.1	U	1.2	U	1	U	0.96	U	-	
Copper	7440-50-8	270	79		20.3		22.8		26.4		39.2		10.5		21.7		11.7		-	
Lead	7439-92-1	400	40.2		7.03		18.7		11.4		37.5		6.68		16.0		3.51		102	
Manganese	7439-96-5	2,000	1180		569		474		380		270		353		417		322		-	
Mercury	7439-97-6	0.73	0.08	U	0.0850	U	0.0750	U	0.0820	U	0.0740	U	0.0770	U	0.0730	U	0.0670	U	-	
Nickel	7440-02-0	130	17.9		22.6		22.2		23.3		9.12		11.8		12.6		9.71		-	
Selenium	7782-49-2	4	0.608	J	0.334	J	0.909	U	1.01	U	0.656	J	0.201	J	0.192	J	0.219	J	-	
Silver	7440-22-4	8.3	0.238	U	0.267	U	0.227	U	0.253	U	0.223	U	0.238	U	0.217	U	0.202	U	-	
Thallium	7440-28-0	--	1.63		2.07		5.26		5.93		0.561	J	0.547	J	1.19		0.662	J	-	
Zinc	7440-66-6	2,200	102		78.8		95.9		106		109		52.2		30.3		26.2		-	

Notes:
-- - No criterion
- - Not analyzed
[1] - There is no criteria for total chromium. The General Fill Criteria for trivalent chromium is listed.
CAS - Chemical Abstracts Service
General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).
J - Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC.
mg/kg - milligrams per kilogram
TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)
TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)
U - Non-detect

Table 4
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Metals and Cyanide

		SAMPLE NAME:	TRC-SB-101 (10.5-12.5)		TRC-SB-DUP-03		TRC-SB-102 (8-10)		TRC-SB-103 (8-10)		TRC-SB-104 (5-7)		TRC-SB-104 (8-10)		TRC-SD-01	
		LABORATORY SAMPLE ID:	L2355625-05		L2355625-06		L2354519-08		L2354519-09		L2355625-02		L2355625-03		L2354808-07	
		DATE SAMPLE COLLECTED:	9/21/2023		9/21/2023		9/17/2023		9/17/2023		9/21/2023		9/21/2023		9/19/2023	
		MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil	
METALS AND CYANIDE (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result	
Antimony	7440-36-0	--	-		-		-		-		-		-		5.91	
Arsenic	7440-38-2	16	-		-		-		-		-		-		**47.2**	
Barium	7440-39-3	350	-		-		-		-		-		-		137	
Beryllium	7440-41-7	14	-		-		-		-		-		-		0.531	
Cadmium	7440-43-9	2.5	-		-		-		-		-		-		2.49	
Chromium, Total[(1)]	7440-47-3	36	-		-		-		-		-		-		**43.4**	
Chromium, Hexavalent	18540-29-9	19	-		-		-		-		-		-		1.15	U
Cyanide	544-92-3	27	-		-		-		-		-		-		1.4	U
Copper	7440-50-8	270	-		-		-		-		-		-		138	
Lead	7439-92-1	400	11.2		6.76		20.4		15.7		17.4		7.77		**890**	
Manganese	7439-96-5	2,000	-		-		-		-		-		-		463	
Mercury	7439-97-6	0.73	-		-		-		-		-		-		0.546	
Nickel	7440-02-0	130	-		-		-		-		-		-		23.4	
Selenium	7782-49-2	4	-		-		-		-		-		-		0.817	J
Silver	7440-22-4	8.3	-		-		-		-		-		-		0.78	
Thallium	7440-28-0	--	-		-		-		-		-		-		2.88	
Zinc	7440-66-6	2,200	-		-		-		-		-		-		478	

Notes:
-- - No criterion
- - Not analyzed
(1) - There is no criteria for total chromium. The General Fill Criteria for trivalent chromium is listed.
CAS - Chemical Abstracts Service
General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).
J - Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC.
mg/kg - milligrams per kilogram
TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)
TRC-SB-DUP-03 is a duplicate of TRC-SB-101 (10.5-12.5)
U - Non-detect

Table 5
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil and Sediment Sampling Analytical Results for Pesticides, Herbicides, and PCBs

		SAMPLE NAME:	TRC-SB-01 (1-4)		TRC-SB-01 (10-12)		TRC-SB-02 (1-4)		TRC-SB-DUP-01		TRC-SB-02 (11.5-13.5)		TRC-SB-03 (1-4)		TRC-SB-03 (10-12)		TRC-SB-04 (1-4)		TRC-SB-04 (12-14)	
		LABORATORY SAMPLE ID:	L2354808-03		L2354808-04		L2354519-03		L2354519-05		L2354519-04		L2354519-01		L2354519-02		L2354808-05		L2354808-06	
		DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/17/2023		9/17/2023		9/17/2023		9/18/2023		9/19/2023		9/19/2023	
		MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
PESTICIDES (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result		Result		Result	
4,4'-DDD	72-54-8	2.6	0.000835	J	-		0.00179	U	0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
4,4'-DDE	72-55-9	1.8	0.0233		-		0.00583		0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
4,4'-DDT	50-29-3	1.7	0.0201		-		0.0105		0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
Aldrin	309-00-2	0.019	0.00161	U	-		0.00179	U	0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
alpha-BHC	319-84-6	0.02	0.000670	U	-		0.000745	U	0.000734	U	0.000769	U	0.000848	U	0.000856	U	0.000731	U	-	
alpha-Chlordane	5103-71-9	0.91	0.00201	U	-		0.00224	U	0.00220	U	0.00231	U	0.00254	U	0.00257	U	0.00219	U	-	
beta-BHC	319-85-7	0.072	0.00161	U	-		0.00179	U	0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
delta-BHC	319-86-8	0.25	0.00161	U	-		0.00179	U	0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
Dieldrin	60-57-1	0.039	0.00100	U	-		0.00112	U	0.00110	U	0.00115	U	0.00127	U	0.00128	U	0.00110	U	-	
Endosulfan sulfate	1031-07-8	4.8	0.00067	U	-		0.000745	U	0.000734	U	0.000769	U	0.00085	U	0.000856	U	0.000731	U	-	
Endosulfan-I	959-98-8	4.8	0.00161	U	-		0.00179	U	0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
Endosulfan-II	33213-65-9	4.8	0.00161	U	-		0.00179	U	0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
Endrin	72-20-8	0.06	0.000670	U	-		0.000745	U	0.000734	U	0.000769	U	0.00085	U	0.000856	U	0.000731	U	-	
Endrin aldehyde	7421-93-4	--	0.00201	U	-		0.00224	U	0.00220	U	0.00231	U	0.00254	U	0.00257	U	0.00219	U	-	
Endrin ketone	53494-70-5	--	0.00161	U	-		0.00179	U	0.00176	U	0.00185	U	0.00203	U	0.00205	U	0.00176	U	-	
gamma-BHC (Lindane)	58-89-9	0.1	0.000670	U	-		0.000745	U	0.000734	U	0.000769	U	0.000848	U	0.000856	U	0.000731	U	-	
gamma-Chlordane	5103-74-2	--	0.00201	U	-		0.00124	JIP	0.00220	U	0.00231	U	0.00254	U	0.00257	U	0.00219	U	-	
Heptachlor	76-44-8	0.38	0.000804	U	-		0.000894	U	0.000881	U	0.000923	U	0.00102	U	0.00103	U	0.000878	U	-	
Heptachlor epoxide	1024-57-3	--	0.00301	U	-		0.00335	U	0.00330	U	0.00346	U	0.00168	J	0.00385	U	0.00329	U	-	
Methoxychlor	72-43-5	--	0.00301	U	-		0.00335	U	0.00330	U	0.00346	U	0.00381	U	0.00385	U	0.00329	U	-	
Toxaphene	8001-35-2	--	0.0301	U	-		0.0335	U	0.03300	U	0.0346	U	0.0381	U	0.0385	U	0.0329	U	-	
HERBICIDES (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result		Result		Result	
2,4,5-TP (Silvex)	93-72-1	--	0.169	U	-		0.187	U	0.190	U	0.195	U	0.211	U	0.218	U	0.193	U	-	

Table 5
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Pesticides, Herbicides, and PCBs

		SAMPLE NAME:	TRC-SB-01 (1-4)		TRC-SB-01 (10-12)		TRC-SB-02 (1-4)		TRC-SB-DUP-01		TRC-SB-02 (11.5-13.5)		TRC-SB-03 (1-4)		TRC-SB-03 (10-12)		TRC-SB-04 (1-4)		TRC-SB-04 (12-14)	
		LABORATORY SAMPLE ID:	L2354808-03		L2354808-04		L2354519-03		L2354519-05		L2354519-04		L2354519-01		L2354519-02		L2354808-05		L2354808-06	
		DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023		9/19/2023		9/17/2023		9/17/2023		9/17/2023		9/18/2023		9/19/2023		9/19/2023	
		MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
POLYCHLORINATED BIPHENYLS (PCBs) (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result		Result		Result	
Aroclor 1016	12674-11-2	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.0614	U	0.0614	U	0.0550	U	0.0617	U
Aroclor 1221	11104-28-2	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.0614	U	0.0614	U	0.0550	U	0.0617	U
Aroclor 1232	11141-16-5	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.0614	U	0.0614	U	0.0550	U	0.0617	U
Aroclor 1242	53469-21-9	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.0614	U	0.0614	U	0.0550	U	0.0617	U
Aroclor 1248	12672-29-6	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.0614	U	0.0614	U	0.0550	U	0.0617	U
Aroclor 1254	11097-69-1	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.0614	U	0.0614	U	0.0550	U	0.0617	U
Aroclor 1260	11096-82-5	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.219		0.0614	U	0.0550	U	0.0617	U
Aroclor 1262	11100-14-4	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.0614	U	0.0614	U	0.0550	U	0.0617	U
Aroclor 1268	37324-23-5	--	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.128		0.0614	U	0.0550	U	0.0617	U
Total PCBs		1	0.0471	U	0.0501	U	0.0552	U	0.0531	U	0.0560	U	0.347		0.0614	U	0.0550	U	0.0617	U

Notes:
-- - No criterion
- - Not analyzed
CAS - Chemical Abstracts Service
General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).
I - The lower value for the two columns has been reported due to obvious interference.
J - Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC.
mg/kg - milligrams per kilogram
P - The RPD between the results for the two columns exceeds the method-specified criteria.
TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)
U - Non-detect

Table 5
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Pesticides, Herbicides, and PCBs

		SAMPLE NAME:	TRC-SB-05 (1-4)		TRC-SB-05 (11-13)		TRC-SB-06 (1-4)		TRC-SB-06 (11-13)		TRC-SB-07 (1-4)		TRC-SB-07 (11-13)		TRC-SB-08 (1-4)		TRC-SB-08 (11.5-13.5)		TRC-SD-01	
		LABORATORY SAMPLE ID:	L2355233-05		L2355233-06		L2354808-01		L2354808-02		L2355233-01		L2355233-02		L2355233-03		L2355233-04		L2354808-07	
		DATE SAMPLE COLLECTED:	9/20/2023		9/20/2023		9/19/2023		9/19/2023		9/20/2023		9/20/2023		9/20/2023		9/20/2023		9/19/2023	
		MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
PESTICIDES (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result		Result		Result	
4,4'-DDD	72-54-8	2.6	0.00621		-		0.0101		-		0.00183	U	-		0.00175	U	-		0.00226	U
4,4'-DDE	72-55-9	1.8	0.00303		-		0.00530		-		0.00127	J	-		0.000447	J	-		0.00237	
4,4'-DDT	50-29-3	1.7	0.00210		-		0.00271		-		0.00183	U	-		0.00175	U	-		0.0136	
Aldrin	309-00-2	0.019	0.00193	U	-		0.00190	U	-		0.00183	U	-		0.00175	U	-		0.00226	U
alpha-BHC	319-84-6	0.02	0.000806	U	-		0.000794	U	-		0.000764	U	-		0.000728	U	-		0.000944	U
alpha-Chlordane	5103-71-9	0.91	0.00242	U	-		0.00238	U	-		0.00229	U	-		0.00218	U	-		0.00111	J
beta-BHC	319-85-7	0.072	0.00193	U	-		0.00190	U	-		0.00183	U	-		0.00175	U	-		0.00226	U
delta-BHC	319-86-8	0.25	0.00193	U	-		0.00190	U	-		0.00183	U	-		0.00175	U	-		0.00226	U
Dieldrin	60-57-1	0.039	0.00121	U	-		0.00119	U	-		0.00114	U	-		0.00109	U	-		0.00142	U
Endosulfan sulfate	1031-07-8	4.8	0.000806	U	-		0.000794	U	-		0.000764	U	-		0.000728	U	-		0.000944	U
Endosulfan-I	959-98-8	4.8	0.00193	U	-		0.00190	U	-		0.00183	U	-		0.00175	U	-		0.00226	U
Endosulfan-II	33213-65-9	4.8	0.00193	U	-		0.00190	U	-		0.00183	U	-		0.00175	U	-		0.00226	U
Endrin	72-20-8	0.06	0.000806	U	-		0.000794	U	-		0.000764	U	-		0.000728	U	-		0.000944	U
Endrin aldehyde	7421-93-4	--	0.00242	U	-		0.00238	U	-		0.00229	U	-		0.00218	U	-		0.00283	U
Endrin ketone	53494-70-5	--	0.00193	U	-		0.00190	U	-		0.00183	U	-		0.00175	U	-		0.00226	U
gamma-BHC (Lindane)	58-89-9	0.1	0.000806	U	-		0.000794	U	-		0.000764	U	-		0.000728	U	-		0.000944	U
gamma-Chlordane	5103-74-2	--	0.00242	U	-		0.00238	U	-		0.00229	U	-		0.00218	U	-		0.00182	JIP
Heptachlor	76-44-8	0.38	0.000967	U	-		0.000952	U	-		0.000916	U	-		0.000874	U	-		0.00113	U
Heptachlor epoxide	1024-57-3	--	0.00363	U	-		0.00357	U	-		0.00344	U	-		0.00328	U	-		0.00424	U
Methoxychlor	72-43-5	--	0.00363	U	-		0.00357	U	-		0.00344	U	-		0.00328	U	-		0.00424	U
Toxaphene	8001-35-2	--	0.0363	U	-		0.0357	U	-		0.0344	U	-		0.0328	U	-		0.0424	U
HERBICIDES (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result		Result		Result	
2,4,5-TP (Silvex)	93-72-1	--	0.209	U	-		0.198	U	-		0.192	U	-		0.188	U	-		0.236	U

Table 5
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Pesticides, Herbicides, and PCBs

		SAMPLE NAME:	TRC-SB-05 (1-4)		TRC-SB-05 (11-13)		TRC-SB-06 (1-4)		TRC-SB-06 (11-13)		TRC-SB-07 (1-4)		TRC-SB-07 (11-13)		TRC-SB-08 (1-4)		TRC-SB-08 (11.5-13.5)		TRC-SD-01	
		LABORATORY SAMPLE ID:	L2355233-05		L2355233-06		L2354808-01		L2354808-02		L2355233-01		L2355233-02		L2355233-03		L2355233-04		L2354808-07	
		DATE SAMPLE COLLECTED:	9/20/2023		9/20/2023		9/19/2023		9/19/2023		9/20/2023		9/20/2023		9/20/2023		9/20/2023		9/19/2023	
		MATRIX:	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
POLYCHLORINATED BIPHENYLS (PCBs) (mg/kg)	CAS Number	General Fill Criteria	Result		Result		Result		Result		Result		Result		Result		Result		Result	
Aroclor 1016	12674-11-2	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.0667	U
Aroclor 1221	11104-28-2	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.0667	U
Aroclor 1232	11141-16-5	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.0667	U
Aroclor 1242	53469-21-9	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.0667	U
Aroclor 1248	12672-29-6	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.0667	U
Aroclor 1254	11097-69-1	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.0667	U
Aroclor 1260	11096-82-5	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.104	
Aroclor 1262	11100-14-4	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.0667	U
Aroclor 1268	37324-23-5	--	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.0667	U
Total PCBs		1	0.0615	U	0.0646	U	0.0593	U	0.0643	U	0.0572	U	0.0560	U	0.0553	U	0.0508	U	0.104	

Notes:
-- - No criterion
- - Not analyzed
CAS - Chemical Abstracts Service
General Fill Criteria (GFC) - As defined in Table 2 of 6 NYCRR Part 360.13(f), general fill meets the lower of Protection of Public Health-Residential Land Use and Protection of Groundwater in Part 375-6.8(b).
I - The lower value for the two columns has been reported due to obvious interference.
J - Estimated value
Light gray shade with bold text value indicates that the result exceeds the corresponding GFC.
mg/kg - milligrams per kilogram
P - The RPD between the results for the two columns exceeds the method-specified criteria.
TRC-SB-DUP-01 is a duplicate of TRC-SB-02 (1-4)
U - Non-detect

Table 6
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Per- and Polyfluoroalkyl Substances

		SAMPLE NAME:	TRC-SB-01 (1-4)		TRC-SB-DUP-02	
		LABORATORY SAMPLE ID:	L2354808-03		L2354808-08	
		DATE SAMPLE COLLECTED:	9/19/2023		9/19/2023	
		MATRIX:	Soil		Soil	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ng/g)	CAS Number	Unrestricted Use SCO[1]	Result		Result	
Perfluorobutanesulfonic acid (PFBS)	375-73-5	--	0.197	U	0.197	U
Perfluorohexanoic acid (PFHxA)	307-24-4	--	0.197	U	0.197	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	--	0.197	U	0.197	U
Perfluorobutanoic acid (PFBA)	375-22-4	--	0.788	U	0.788	U
Perfluorodecanesulfonic acid (PFDS)	335-77-3	--	0.197	U	0.197	U
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	--	0.197	U	0.197	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	--	0.197	U	0.197	U
Perfluoropentanoic acid (PFPeA)	2706-90-3	--	0.394	U	0.394	U
6:2 Fluorotelomersulfonate (6:2 FTS)	27619-97-2	--	0.788	U	0.788	U
8:2 Fluorotelomersulfonate (8:2 FTS)	39108-34-4	--	0.788	U	0.788	U
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	--	0.197	U	0.197	U
Perfluorooctanoic acid (PFOA)	335-67-1	0.88	0.197	U	0.197	U
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.66	0.197	U	0.084	JF
Perfluorononanoic acid (PFNA)	375-95-1	--	0.197	U	0.197	U
Perfluorodecanoic acid (PFDA)	335-76-2	--	0.197	U	0.197	U
N-MeFOSAA	2355-31-9	--	0.197	U	0.197	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	--	0.197	U	0.197	U
N-EtFOSAA	2991-50-6	--	0.197	U	0.197	U
Perfluorododecanoic acid (PFDoA)	307-55-1	--	0.197	U	0.197	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	--	0.197	U	0.197	U
Perfluorotetradecanoic acid (PFTA)	376-06-7	--	0.197	U	0.197	U

Notes:
-- - No criterion
[1] - Unrestricted Use SCOs are presented in the NYSDEC Guidance Document titled "Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances Under NYSDEC's Part 375 Remedial Programs" April 2023) and are proposed in an upcoming revision to 6 NYCRR Part 375-6.
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.
J - Estimated value
ng/g - Nanograms per gram
TRC-SB-DUP-02 is a duplicate of TRC-SB-01 (1-4)
U - Non-detect

Table 7
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Soil Sampling Analytical Results for Waste Characterization Parameters

	SAMPLE NAME:	TRC-SB-02 (1-4)		TRC-SB-05 (11-13)		TRC-SB-06 (1-4)		TRC-SB-08 (11.5-	
	LABORATORY SAMPLE ID:	L2354519-03		L2355233-06		L2354808-01		L2355233-04	
	DATE SAMPLE COLLECTED:	9/19/2023		9/20/2023		9/19/2023		9/20/2023	
	MATRIX:	Soil		Soil		Soil		Soil	
WASTE CHARACTERIZATION PARAMETERS	Units	Result		Result		Result		Result	
TPH-GRO	mg/kg	1.6	J	1.2	J	1.5	J	1.2	J
TPH-DRO	mg/kg	76		45	U	77		3.6	J

Notes:

DRO - Diesel-range organics
°F - degrees Fahrenheit
J- Estimated value
GRO - Gasoline-range organics
mg/kg - milligrams per kilogram
su - Standard Units
TPH - Total petroleum hydrocarbons
U- Non-detect

Table 8
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

		SAMPLE NAME:	TRC-GW-01		TRC-GW-02		TRC-GW-03		TRC-DUP-GW-01		TRC-GW-04		TRC-GW-06	
		LABORATORY SAMPLE ID:	L2355233-08		L2355625-01		L2354519-06		L2354519-07		L2355942-01		L2355233-07	
		DATE SAMPLE COLLECTED:	9/20/2023		9/21/2023		9/17/2023		9/17/2023		9/22/2023		9/20/2023	
		MATRIX:	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
VOLATILE ORGANIC COMPOUNDS (µg/L)	CAS Number	Class GA Value	Result		Result		Result		Result		Result		Result	
1,1,1-Trichloroethane	71-55-6	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,1,2-Trichloroethane	79-00-5	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	75-34-3	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2,3-Trichlorobenzene	87-61-6	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	-	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
1,2-Dichlorobenzene	95-50-1	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
1,2-Dichloropropane	78-87-5	1	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
1,3,5-Trimethylbenzene	108-67-8	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone (MEK)	78-93-3	50	5.0	U	5.0	U	5.0	U	5.0	U	18		5.0	U
2-Hexanone	591-78-6	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone (MIBK)	108-10-1	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	67-64-1	50	5.0	U	5.0	U	5.0	U	5.0	U	5.9		5.0	U
Benzene	71-43-2	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromochloromethane	74-97-5	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Bromoform	75-25-2	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Bromomethane	74-83-9	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	56-23-5	5	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Chlorobenzene	108-90-7	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	2.5	U	2.5	U	1.8	J	1.9	J	2.5	U	0.89	J
Chloromethane	74-87-3	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4[(2)]	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Cyclohexane	110-82-7	--	10	U	10	U	10	U	10	U	10	U	10	U
Dibromochloromethane	124-48-1	50	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Dichlorodifluoromethane	75-71-8	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	100-41-4	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Freon 113	76-13-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

Table 8
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

		SAMPLE NAME:	TRC-GW-01		TRC-GW-02		TRC-GW-03		TRC-DUP-GW-01		TRC-GW-04		TRC-GW-06	
		LABORATORY SAMPLE ID:	L2355233-08		L2355625-01		L2354519-06		L2354519-07		L2355942-01		L2355233-07	
		DATE SAMPLE COLLECTED:	9/20/2023		9/21/2023		9/17/2023		9/17/2023		9/22/2023		9/20/2023	
		MATRIX:	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
VOLATILE ORGANIC COMPOUNDS (µg/L)	CAS Number	Class GA Value	Result		Result		Result		Result		Result		Result	
Isopropylbenzene	98-82-8	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
m,p-Xylenes	179601-23-1	5[1]	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl Acetate	79-20-9	--	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Methyl tert-butyl ether	1634-04-4	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylcyclohexane	108-87-2	--	10	U	10	U	10	U	10	U	10	U	10	U
Methylene chloride	75-09-2	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	--	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	103-65-1	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5[1]	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	127-18-4	5	0.50	U	0.50	U	0.50	U	0.50	U	1.4		0.38	J
Toluene	108-88-3	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4[2]	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Trichloroethene	79-01-6	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Xylene (total)	1330-20-7	5[1]	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Total TICs		--	2.48	J	ND		ND		ND		ND		4.61	J

Notes:
µg/L - micrograms per liter
-- - No criteria
[1] - There is no GA value for total xylenes. The standard for o-xylene, m-xylene, and p-xylene is 5 µg/L.
[2] - 0.4 µg/L applies to the sum of cis- and trans-1,3-dichloropropene.
CAS - Chemical Abstracts Service
J- Estimated value
Light gray shade with bold text value indicates result exceeds Class GA Value.
ND - Not detected
TICs - Tentatively Identified Compounds
TRC-DUP-GW-01 is a duplicate sample of TRC-GW-03

Table 8
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

		SAMPLE NAME:	TRC-GW-07		TRC-GW-08	
		LABORATORY SAMPLE ID:	L2355942-02		L2355233-09	
		DATE SAMPLE COLLECTED:	9/22/2023		9/20/2023	
		MATRIX:	Groundwater		Groundwater	
VOLATILE ORGANIC COMPOUNDS (µg/L)	CAS Number	Class GA Value	Result		Result	
1,1,1-Trichloroethane	71-55-6	5	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.50	U	0.50	U
1,1,2-Trichloroethane	79-00-5	1	1.5	U	1.5	U
1,1-Dichloroethane	75-34-3	5	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	0.50	U	0.50	U
1,2,3-Trichlorobenzene	87-61-6	5	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	2.0	U	2.0	U
1,2-Dichlorobenzene	95-50-1	3	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	0.50	U	0.50	U
1,2-Dichloropropane	78-87-5	1	1.0	U	1.0	U
1,3,5-Trimethylbenzene	108-67-8	5	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	2.5	U	5.0	U
2-Butanone (MEK)	78-93-3	50	5.0	U	5.0	U
2-Hexanone	591-78-6	50	5.0	U	5.0	U
4-Methyl-2-pentanone (MIBK)	108-10-1	--	5.0	U	5.0	U
Acetone	67-64-1	50	5.0	U	5.0	U
Benzene	71-43-2	1	0.5	U	0.5	U
Bromochloromethane	74-97-5	5	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	0.50	U	0.50	U
Bromoform	75-25-2	50	2.0	U	2.0	U
Bromomethane	74-83-9	5	2.5	U	2.5	U
Carbon disulfide	75-15-0	--	5.0	U	5.0	U
Carbon tetrachloride	56-23-5	5	0.50	U	1.0	U
Chlorobenzene	108-90-7	5	2.5	U	2.5	U
Chloroethane	75-00-3	5	2.5	U	2.5	U
Chloroform	67-66-3	7	2.5	U	0.76	J
Chloromethane	74-87-3	5	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	0.4[(2)]	0.50	U	0.50	U
Cyclohexane	110-82-7	--	10	U	10	U
Dibromochloromethane	124-48-1	50	0.50	U	0.50	U
Dichlorodifluoromethane	75-71-8	5	5.0	U	5.0	U
Ethylbenzene	100-41-4	5	2.5	U	2.5	U
Freon 113	76-13-1	5	2.5	U	2.5	U

Table 8
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, New York
Summary of Groundwater Sampling Analytical Results for Volatile Organic Compounds

		SAMPLE NAME:	TRC-GW-07		TRC-GW-08	
		LABORATORY SAMPLE ID:	L2355942-02		L2355233-09	
		DATE SAMPLE COLLECTED:	9/22/2023		9/20/2023	
		MATRIX:	Groundwater		Groundwater	
VOLATILE ORGANIC COMPOUNDS (µg/L)	CAS Number	Class GA Value	Result		Result	
Isopropylbenzene	98-82-8	5	2.5	U	2.5	U
m,p-Xylenes	179601-23-1	5[1]	2.5	U	2.5	U
Methyl Acetate	79-20-9	--	2.0	U	2.0	U
Methyl tert-butyl ether	1634-04-4	10	2.5	U	2.5	U
Methylcyclohexane	108-87-2	--	10	U	10	U
Methylene chloride	75-09-2	5	2.5	U	2.5	U
Naphthalene	91-20-3	--	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	2.5	U	2.5	U
n-Propylbenzene	103-65-1	5	2.5	U	2.5	U
o-Xylene	95-47-6	5[1]	2.5	U	2.5	U
p-Isopropyltoluene	99-87-6	5	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	2.5	U	2.5	U
Styrene	100-42-5	5	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	2.5	U	2.5	U
Tetrachloroethene	127-18-4	5	0.75		0.50	U
Toluene	108-88-3	5	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	2.5	U	2.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4[2]	0.50	U	0.50	U
Trichloroethene	79-01-6	5	0.5	U	0.18	J
Trichlorofluoromethane	75-69-4	5	2.5	U	2.5	U
Vinyl chloride	75-01-4	2	1.0	U	1.0	U
Xylene (total)	1330-20-7	5[1]	2.5	U	2.5	U
Total TICs		--	ND		3.6	J

Notes:
µg/L - micrograms per liter
-- - No criteria
[1] - There is no GA value for total xylenes. The standard for o-xylene, m-xylene, and p-xylene is 5 µg/L.
[2] - 0.4 µg/L applies to the sum of cis- and trans-1,3-dichloropropene.
CAS - Chemical Abstracts Service
J- Estimated value
Light gray shade with bold text value indicates result exceeds Class GA Value.
ND - Not detected
TICs - Tentatively Identified Compounds
TRC-DUP-GW-01 is a duplicate sample of TRC-GW-03

Table 9
New York City School Construction Authority
Proposed Public School (K14A) - Acquistion
257 Franklin Street, Brooklyn, NY
Summary of Groundwater Sampling Analytical Results for
Semivolatile Organic Compounds

		SAMPLE NAME:	TRC-GW-01		TRC-GW-02		TRC-GW-03		TRC-DUP-GW-01		TRC-GW-04	
		LABORATORY SAMPLE ID:	L2355233-08		L2355625-01		L2354519-06		L2354519-07		L2355942-01	
		DATE SAMPLE COLLECTED:	9/20/2023		9/21/2023		9/17/2023		9/17/2023		9/22/2023	
		MATRIX:	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	CAS Number	Class GA Value	Result		Result		Result		Result		Result	
1,1'-Biphenyl	92-52-4	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	10	U	10	U	10	U	10	U	10	U
1,4-Dioxane	123-91-1	--	-	-	-	-	0.144	U	0.144	U	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4,5-Trichlorophenol	95-95-4	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4,6-Trichlorophenol	88-06-2	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dichlorophenol	120-83-2	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dimethylphenol	105-67-9	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,4-Dinitrophenol	51-28-5	10	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	121-14-2	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2,6-Dinitrotoluene	606-20-2	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Chloronaphthalene	91-58-7	--	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
2-Chlorophenol	95-57-8	--	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
2-Methylnaphthalene	91-57-6	--	0.10	U	0.10	U	0.10	U	0.02	J	0.10	U
2-Methylphenol	95-48-7	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Nitroaniline	88-74-4	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
2-Nitrophenol	88-75-5	--	10	U	10	U	10	U	10	U	10	U
3&4-Methylphenol	59-50-7	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3,3'-Dicholorobenzidine	91-94-1	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
3-Nitroaniline	99-09-2	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4,6-Dinitro-o-cresol	534-52-1	--	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl-phenylether	101-55-3	--	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
4-Chloro-3-methylphenol	59-50-7	--	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
4-Chloroaniline	106-47-8	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Chlorophenyl-phenyl ether	7005-72-3	--	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
4-Nitroaniline	100-01-6	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
4-Nitrophenol	100-02-7	--	10	U	10	U	10	U	10	U	10	U
Acenaphthene	83-32-9	--	0.10	U	0.03	J	0.02	J	0.02	J	0.05	J
Acenaphthylene	208-96-8	--	0.10	U	0.02	J	0.10	U	0.10	U	0.10	U
Acetophenone	98-86-2	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Anthracene	120-12-7	50	0.10	U	0.05	J	0.02	J	0.02	J	0.01	J
Atrazine	1912-24-9	7.5	10	U	10	U	10	U	10	U	10	U
Benzaldehyde	100-52-7	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Benzo(a) anthracene	56-55-3	0.002	0.10	U	**0.26**		0.10	U	0.10	U	**0.04**	J
Benzo(a) pyrene	50-32-8	>ND	0.10	U	**0.33**		0.10	U	0.10	U	**0.03**	J
Benzo(b) fluoranthene	205-99-2	0.002	0.10	U	**0.39**		0.10	U	0.10	U	**0.04**	J
Benzo(g,h,i) perylene	191-24-2	--	0.10	U	0.20		0.10	U	0.10	U	0.02	J
Benzo(k) fluoranthene	207-08-9	0.002	0.10	U	**0.15**		0.1	U	0.1	U	**0.01**	J
bis(2-Chloroethoxy) methane	111-91-1	5	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
bis(2-Chloroethyl) ether	111-44-4	1.0	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
bis(2-Chloroisopropyl) ether	108-60-1	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
bis(2-Ethylhexyl) phthalate	117-81-7	5	1.0	U	1.0	U	2.0		0.70	J	1.0	U

Table 9
New York City School Construction Authority
Proposed Public School (K14A) - Acquistion
257 Franklin Street, Brooklyn, NY
Summary of Groundwater Sampling Analytical Results for
Semivolatile Organic Compounds

		SAMPLE NAME:	TRC-GW-01		TRC-GW-02		TRC-GW-03		TRC-DUP-GW-01		TRC-GW-04	
		LABORATORY SAMPLE ID:	L2355233-08		L2355625-01		L2354519-06		L2354519-07		L2355942-01	
		DATE SAMPLE COLLECTED:	9/20/2023		9/21/2023		9/17/2023		9/17/2023		9/22/2023	
		MATRIX:	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	CAS Number	Class GA Value	Result		Result		Result		Result		Result	
Butyl benzyl phthalate	85-68-7	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Caprolactam	105-60-2	--	10	U	10	U	10	U	10	U	10	U
Carbazole	86-74-8	--	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Chrysene	218-01-9	0.002	0.10	U	**0.26**		0.10	U	0.10	U	**0.03**	J
Dibenzo(a,h)anthracene	53-70-3	--	0.10	U	0.05	J	0.10	U	0.10	U	0.10	U
Dibenzofuran	132-64-9	--	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Diethyl phthalate	84-66-2	50	5.0	U	0.48	J	5.0	U	5.0	U	5.0	U
Dimethyl phthalate	131-11-3	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Di-n-butyl phthalate	84-74-2	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Di-n-octyl phthalate	117-84-0	50	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Fluoranthene	206-44-0	50	0.10	U	0.58		0.02	J	0.02	J	0.10	J
Fluorene	86-73-7	50	0.10	U	0.03	J	0.02	J	0.02	J	0.03	J
Hexachlorobenzene	118-74-1	0.04	0.80	U	0.80	U	0.80	U	0.80	U	0.80	U
Hexachlorobutadiene	87-68-3	0.5	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Hexachlorocyclopentadiene	77-47-4	5	20	U	20	U	20	U	20	U	20	U
Hexachloroethane	67-72-1	5	0.80	U	0.8	U	0.80	U	0.80	U	0.80	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.10	U	**0.20**		0.10	U	0.10	U	**0.02**	J
Isophorone	78-59-1	50	2.6	J	5.0	U	5.0	U	5.0	U	5.0	U
Naphthalene	91-20-3	--	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Nitrobenzene	98-95-3	0.4	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
N-Nitroso-di-n-propylamine	621-64-7	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
N-Nitrosodiphenylamine	86-30-6	50	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Pentachlorophenol	87-86-5	--	0.80	U	0.05	J	0.07	J	0.06	J	0.80	U
Phenanthrene	85-01-8	50	0.10	U	0.29		0.06	J	0.06	J	0.18	
Phenol	108-95-2	--	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
Pyrene	129-00-0	50	0.10	U	0.55		0.10	U	0.10	U	0.08	J
Total TICs		--	48.7	J	ND		449	J	137	J	9.84	J

Notes:
µg/L - micrograms per liter
- - Not analyzed
-- - No criteria
CAS - Chemical Abstracts Service
J- Estimated value
Light gray shade with bold text value indicates result exceeds Class GA Value.
ND - Not detected
TICs - Tentatively Identified Compounds
TRC-DUP-GW-01 is a duplicate sample of TRC-GW-03
U- Non-detect

Table 9
New York City School Construction Authority
Proposed Public School (K14A) - Acquistion
257 Franklin Street, Brooklyn, NY
Summary of Groundwater Sampling Analytical Results for
Semivolatile Organic Compounds

		SAMPLE NAME:	TRC-GW-06		TRC-GW-07		TRC-GW-08	
		LABORATORY SAMPLE ID:	L2355233-07		L2355942-02		L2355233-09	
		DATE SAMPLE COLLECTED:	9/20/2023		9/22/2023		9/20/2023	
		MATRIX:	Groundwater		Groundwater		Groundwater	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	CAS Number	Class GA Value	Result		Result		Result	
1,1'-Biphenyl	92-52-4	5	2.0	U	2.0	U	2.9	U
1,2,4,5-Tetrachlorobenzene	95-94-3	5	10	U	10	U	14	U
1,4-Dioxane	123-91-1	--	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	58-90-2	--	5.0	U	5.0	U	7.3	U
2,4,5-Trichlorophenol	95-95-4	--	5.0	U	5.0	U	7.3	U
2,4,6-Trichlorophenol	88-06-2	--	5.0	U	5.0	U	7.3	U
2,4-Dichlorophenol	120-83-2	5	5.0	U	5.0	U	7.3	U
2,4-Dimethylphenol	105-67-9	50	5.0	U	5.0	U	7.3	U
2,4-Dinitrophenol	51-28-5	10	20	U	20	U	29	U
2,4-Dinitrotoluene	121-14-2	5	5.0	U	5.0	U	7.3	U
2,6-Dinitrotoluene	606-20-2	5	5.0	U	5.0	U	7.3	U
2-Chloronaphthalene	91-58-7	--	0.20	U	0.20	U	0.20	U
2-Chlorophenol	95-57-8	--	2.0	U	2.0	U	2.9	U
2-Methylnaphthalene	91-57-6	--	0.10	U	0.10	U	0.10	U
2-Methylphenol	95-48-7	--	5.0	U	5.0	U	7.3	U
2-Nitroaniline	88-74-4	5	5.0	U	5.0	U	7.3	U
2-Nitrophenol	88-75-5	--	10	U	10	U	14	U
3&4-Methylphenol	59-50-7	--	5.0	U	5.0	U	7.3	U
3,3'-Dicholorobenzidine	91-94-1	5	5.0	U	5.0	U	7.3	U
3-Nitroaniline	99-09-2	5	5.0	U	5.0	U	7.3	U
4,6-Dinitro-o-cresol	534-52-1	--	10	U	10	U	14	U
4-Bromophenyl-phenylether	101-55-3	--	2.0	U	2.0	U	2.9	U
4-Chloro-3-methylphenol	59-50-7	--	2.0	U	2.0	U	2.9	U
4-Chloroaniline	106-47-8	5	5.0	U	5.0	U	7.3	U
4-Chlorophenyl-phenyl ether	7005-72-3	--	2.0	U	2.0	U	2.9	U
4-Nitroaniline	100-01-6	5	5.0	U	5.0	U	7.3	U
4-Nitrophenol	100-02-7	--	10	U	10	U	14	U
Acenaphthene	83-32-9	--	0.10	U	0.02	J	0.10	U
Acenaphthylene	208-96-8	--	0.10	U	0.10	U	0.10	U
Acetophenone	98-86-2	--	5.0	U	5.0	U	7.3	U
Anthracene	120-12-7	50	0.10	U	0.02	J	0.10	U
Atrazine	1912-24-9	7.5	10	U	10	U	14	U
Benzaldehyde	100-52-7	--	5.0	U	5.0	U	7.3	U
Benzo(a) anthracene	56-55-3	0.002	0.10	U	**0.04**	J	0.10	U
Benzo(a) pyrene	50-32-8	>ND	0.10	U	**0.04**	J	0.10	U
Benzo(b) fluoranthene	205-99-2	0.002	0.10	U	**0.05**	J	**0.02**	J
Benzo(g,h,i) perylene	191-24-2	--	0.10	U	0.02	J	0.10	U
Benzo(k) fluoranthene	207-08-9	0.002	0.1	U	**0.02**	J	**0.01**	J
bis(2-Chloroethoxy) methane	111-91-1	5	5.0	U	5.0	U	7.3	U
bis(2-Chloroethyl) ether	111-44-4	1.0	0.10	U	0.10	U	0.10	U
bis(2-Chloroisopropyl) ether	108-60-1	5	2.0	U	2.0	U	2.9	U
bis(2-Ethylhexyl) phthalate	117-81-7	5	1.0	U	1.0	U	1.1	

Table 9
New York City School Construction Authority
Proposed Public School (K14A) - Acquistion
257 Franklin Street, Brooklyn, NY
Summary of Groundwater Sampling Analytical Results for
Semivolatile Organic Compounds

		SAMPLE NAME:	TRC-GW-06		TRC-GW-07		TRC-GW-08	
		LABORATORY SAMPLE ID:	L2355233-07		L2355942-02		L2355233-09	
		DATE SAMPLE COLLECTED:	9/20/2023		9/22/2023		9/20/2023	
		MATRIX:	Groundwater		Groundwater		Groundwater	
SEMIVOLATILE ORGANIC COMPOUNDS (µg/L)	CAS Number	Class GA Value	Result		Result		Result	
Butyl benzyl phthalate	85-68-7	50	5.0	U	5.0	U	7.3	U
Caprolactam	105-60-2	--	10	U	10	U	14	U
Carbazole	86-74-8	--	2.0	U	2.0	U	2.9	U
Chrysene	218-01-9	0.002	0.10	U	**0.03**	J	0.10	U
Dibenzo(a,h)anthracene	53-70-3	--	0.10	U	0.10	U	0.10	U
Dibenzofuran	132-64-9	--	2.0	U	2.0	U	2.9	U
Diethyl phthalate	84-66-2	50	5.0	U	5.0	U	7.3	U
Dimethyl phthalate	131-11-3	50	5.0	U	5.0	U	7.3	U
Di-n-butyl phthalate	84-74-2	50	0.89	J	5.0	U	7.3	U
Di-n-octyl phthalate	117-84-0	50	5.0	U	5.0	U	7.3	U
Fluoranthene	206-44-0	50	0.03	J	0.09	J	0.10	U
Fluorene	86-73-7	50	0.10	U	0.10	U	0.10	U
Hexachlorobenzene	118-74-1	0.04	0.80	U	0.8	U	0.80	U
Hexachlorobutadiene	87-68-3	0.5	0.50	U	0.50	U	0.50	U
Hexachlorocyclopentadiene	77-47-4	5	20	U	20	U	29	U
Hexachloroethane	67-72-1	5	0.80	U	0.80	U	0.80	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.10	U	0.02	J	0.1	U
Isophorone	78-59-1	50	1.4	J	5.0	U	5.4	J
Naphthalene	91-20-3	--	0.10	U	0.10	U	0.10	U
Nitrobenzene	98-95-3	0.4	2.0	U	2.0	U	2.9	U
N-Nitroso-di-n-propylamine	621-64-7	--	5.0	U	5.0	U	7.3	U
N-Nitrosodiphenylamine	86-30-6	50	2.0	U	2.0	U	2.9	U
Pentachlorophenol	87-86-5	--	0.80	U	0.07	J	0.80	U
Phenanthrene	85-01-8	50	0.05	J	0.07	J	0.10	U
Phenol	108-95-2	--	5.0	U	5.0	U	7.3	U
Pyrene	129-00-0	50	0.03	J	0.09	J	0.10	U
Total TICs		--	28.3	J	2.25	J	248	J

Notes:
µg/L - micrograms per liter
- - Not analyzed
-- - No criteria
CAS - Chemical Abstracts Service
J- Estimated value
Light gray shade with bold text value indicates result exceeds Class GA Value.
ND - Not detected
TICs - Tentatively Identified Compounds
TRC-DUP-GW-01 is a duplicate sample of TRC-GW-03
U- Non-detect

Table 10
New York City School Construction Authority
Proposed Public School (K14A) - Acquistion
257 Franklin Street, Brooklyn, New York
Summary of Groundwater Sampling Analytical Results for Metals (Filtered and Unfiltered)

		SAMPLE NAME:	TRC-GW-01		TRC-GW-01		TRC-GW-02		TRC-GW-02		TRC-GW-03		TRC-GW-03		TRC-DUP-GW-01		TRC-DUP-GW-01	
		LABORATORY SAMPLE ID:	L2355233-08		L2355233-08		L2355625-01		L2355625-01		L2354519-06		L2354519-06		L2354519-07		L2354519-07	
		DATE SAMPLE COLLECTED:	9/20/2023		9/20/2023		9/21/2023		9/21/2023		9/17/2023		9/17/2023		9/17/2023		9/17/2023	
		MATRIX:	Unfiltered Groundwater		Filtered Groundwater		Unfiltered Groundwater		Filtered Groundwater		Unfiltered Groundwater		Filtered Groundwater		Unfiltered Groundwater		Filtered Groundwater	
METALS (µg/L)	CAS Numbers	Class GA Value	Result		Result		Result		Result		Result		Result		Result		Result	
Antimony	7440-36-0	3	0.78	J	0.79	J	1.2	J	0.45	J	4.0	U	4.0	U	4.0	U	4.0	U
Arsenic	7440-38-2	25	0.30	J	0.20	J	7.01		0.45	J	0.50	U	0.17	J	0.50	U	0.50	U
Barium	7440-39-3	1000	158.2		160		493.8		120.5		43.14		66.17		41.95		63.43	
Beryllium	7440-41-7	3	0.50	U	0.50	U	1.35		0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
Cadmium	7440-43-9	5	0.20	U	0.20	U	0.85		0.21		0.20	U	0.20	U	0.20	U	0.20	U
Chromium, Total	7440-47-3	50	18.18		18.49		**67.02**		0.89	J	8.94		4.11		9.75		4.37	
Copper	7440-50-8	200	1.74		3.03		118.1		2.86		1.0		3.38		0.78	J	1.25	
Lead	7439-92-1	25	1.0	U	1.0	U	**407.7**		2.62		0.51	J	1.0	U	1.0	U	1.0	U
Manganese	7439-96-5	--	96.22		93.2		1353		306.6		13.94		5.92		6.51		5.37	
Mercury	7439-97-6	0.7	0.20	U	0.20	U	0.34		0.20	U	0.2	U	0.20	U	0.2	U	0.20	U
Nickel	7440-02-0	100	1.83	J	1.91	J	50.23		3.76		2.0	U	0.88	J	2.0	U	2.0	U
Selenium	7782-49-2	10	5.0	U	5.0	U	8.74		3.44	J	4.24	J	3.48	J	3.28	J	3.6	J
Silver	7440-22-4	50	0.4	U	0.40	U	0.23	J	0.40	U	0.40	U	0.40	U	0.4	U	0.4	U
Thallium	7440-28-0	0.5	1.0	U	1.0	U	**0.72**	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
Zinc	7440-66-6	2000	10	U	10	U	304.2		13.43		10	U	10	U	10	U	10	U

Notes:
µg/L - micrograms per liter
-- - No criteria
CAS - Chemical Abstracts Service
J- Estimated value
Light gray shade with bold text value indicates result exceeds Class GA Value.
TRC-DUP-GW-01 is a duplicate sample of TRC-GW-03
U- Non-detect

Table 10
New York City School Construction Authority
Proposed Public School (K14A) - Acquistion
257 Franklin Street, Brooklyn, New York
Summary of Groundwater Sampling Analytical Results for Metals (Filtered and Unfiltered)

		SAMPLE NAME:	TRC-GW-04		TRC-GW-04		TRC-GW-06		TRC-GW-06		TRC-GW-07		TRC-GW-07		TRC-GW-08		TRC-GW-08	
		LABORATORY SAMPLE ID:	L2355942-01		L2355942-01		L2355233-07		L2355233-07		L2355942-02		L2355942-02		L2355233-09		L2355233-09	
		DATE SAMPLE COLLECTED:	9/22/2023		9/22/2023		9/20/2023		9/20/2023		9/22/2023		9/22/2023		9/20/2023		9/20/2023	
		MATRIX:	Unfiltered Groundwater		Filtered Groundwater		Unfiltered Groundwater		Filtered Groundwater		Unfiltered Groundwater		Filtered Groundwater		Unfiltered Groundwater		Filtered Groundwater	
METALS (µg/L)	CAS Numbers	Class GA Value	Result		Result		Result		Result		Result		Result		Result		Result	
Antimony	7440-36-0	3	4.0	U	0.59	J	4.0	U	4.0	U	4.0	U	0.65	J	4.0	U	4.0	U
Arsenic	7440-38-2	25	1.15		0.32	J	0.32	J	0.39	J	1.1		0.48	J	0.2	J	0.5	U
Barium	7440-39-3	1000	260.1		118.9		69.15		72.66		68.73		45.27		58.38		57.64	
Beryllium	7440-41-7	3	1.03		0.5	U	0.50	U	0.50	U	0.14	J	0.50	U	0.50	U	0.50	U
Cadmium	7440-43-9	5	0.81		0.21		0.06	J	0.06	J	0.13	J	0.07	J	0.20	U	0.20	U
Chromium, Total	7440-47-3	50	21.23		1.9		4.18		5.01		2.69		0.41	J	2.02		1.96	
Copper	7440-50-8	200	31.77		4.42		0.74	J	5.1		6.9		3.1		5.2	J	2.75	
Lead	7439-92-1	25	**54.85**		2.94		1.0	U	1.0	U	6.93		1.0	U	0.68	J	1.0	U
Manganese	7439-96-5	--	1178		162.5		212.6		228.1		246.1		86.03		141		101.4	
Mercury	7439-97-6	0.7	0.20	U	0.21	U	0.20	U	0.20	U	0.20	U	0.21	U	0.20	U	0.20	U
Nickel	7440-02-0	100	36.18		8.21		3.6		4.17		3.58		1.13	J	3.2	J	2.39	
Selenium	7782-49-2	10	**21.9**		**12.2**		1.87	J	1.75	J	**20**		**11.9**		2.26	J	2.54	J
Silver	7440-22-4	50	0.40	U	0.4	U	0.4	U	0.40	U	0.40	U	0.40	U	0.40	U	0.40	U
Thallium	7440-28-0	0.5	0.22	J	1.0	U	1.0	U	1.0	U	1.0	U	0.25	J	1.0	U	1.0	U
Zinc	7440-66-6	2000	110.8		11.14		5.55	J	5.68	J	33.01		12.86		10	U	10	U

Notes:
µg/L - micrograms per liter
-- - No criteria
CAS - Chemical Abstracts Service
J- Estimated value
Light gray shade with bold text value indicates result exceeds Class GA Value.
TRC-DUP-GW-01 is a duplicate sample of TRC-GW-03
U- Non-detect

Table 11
New York City School Construction Authority
Proposed Public School (K14A) - Acquistion
257 Franklin Street, Brooklyn, New York
Summary of Groundwater Sampling Analytical Results for Polychlorinated Biphenyls

		SAMPLE NAME:	TRC-GW-01		TRC-GW-02		TRC-GW-03		TRC-DUP-GW-01		TRC-GW-04		TRC-GW-06		TRC-GW-07		TRC-GW-08	
		LABORATORY SAMPLE ID:	L2355233-08		L2355625-01		L2354519-06		L2354519-07		L2355942-01		L2355233-07		L2355942-02		L2355233-09	
		DATE SAMPLE COLLECTED:	9/20/2023		9/21/2023		9/17/2023		9/17/2023		9/22/2023		9/20/2023		9/22/2023		9/20/2023	
		MATRIX:	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater	
POLYCHLORINATED BIPHENYLS (PCBs) (µg/L)	CAS Number	Class GA Value	Result		Result		Result		Result		Result		Result		Result		Result	
Aroclor 1016	12674-11-2	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.050	U
Aroclor 1221	11104-28-2	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	11141-16-5	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.050	U
Aroclor 1242	53469-21-9	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1248	12672-29-6	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	11097-69-1	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	11096-82-5	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.050	U
Aroclor 1262	37324-23-5	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	11100-14-4	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Total PCBs		0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U

Notes:
µg/L - micrograms per liter
-- - No criteria
CAS - Chemical Abstracts Service
Light gray shade with bold text value indicates result exceeds Class GA Value.
TRC-DUP-GW-01 is a duplicate sample of TRC-GW-03
U- Non-detect

Table 12
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin Street, Brooklyn, NY
Summary of Groundwater Sampling Analytical Results for
Per- and Polyfluoroalkyl Substances

	SAMPLE NAME:	TRC-GW-03		TRC-DUP-GW-01	
	LABORATORY SAMPLE ID:	L2354519-06		L2354519-07	
	DATE SAMPLE COLLECTED:	9/17/2023		9/17/2023	
	MATRIX:	Groundwater		Groundwater	
PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) (ng/L)	NYSCDEC Ambient Water Quality Guidance Values (1)	Result		Result	
Perfluorobutanesulfonic acid (PFBS)	--	3.56		3.72	
Perfluorohexanoic acid (PFHxA)	--	5.47		6.57	
Perfluoroheptanoic acid (PFHpA)	--	3.76		4.17	
Perfluorobutanoic acid (PFBA)	--	6.90		7.25	
Perfluorodecanesulfonic acid (PFDS)	--	1.56	U	1.54	U
Perfluoroheptanesulfonic acid (PFHpS)	--	1.56	U	1.54	U
Perfluorooctanesulfonamide (FOSA)	--	1.56	U	1.54	U
Perfluoropentanoic acid (PFPeA)	--	6.78		7.08	
6:2 Fluorotelomersulfonate (6:2 FTS)	--	6.25	U	6.16	U
8:2 Fluorotelomersulfonate (8:2 FTS)	--	6.25	U	6.16	U
Perfluorohexanesulfonic acid (PFHxS)	--	2.08		2.47	
Perfluorooctanoic acid (PFOA)	6.7	**26.4**		**30.6**	
Perfluorooctanesulfonic acid (PFOS)	2.7	**11.6**		**11.3**	
Perfluorononanoic acid (PFNA)	--	1.78		1.88	
Perfluorodecanoic acid (PFDA)	--	1.56	U	1.54	U
N-MeFOSAA	--	1.56	U	1.54	U
Perfluoroundecanoic acid (PFUnA)	--	1.56	U	1.54	U
N-EtFOSAA	--	1.56	U	1.54	U
Perfluorododecanoic acid (PFDoA)	--	1.56	U	1.54	U
Perfluorotridecanoic acid (PFTrDA)	--	1.56	U	1.54	U
Perfluorotetradecanoic acid (PFTA)	--	1.56	U	1.54	U

Notes:

-- - No Criteria

(1) Ambient Water Quality Guidance Values Human Health Criteria presented in New York State Department of Environmental Conservation Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, dated April 2023

Light gray shade with bold ext value indicates result exceeds NYSDEC's ambient water quality guidance values.

ng/L - Nanograms per liter

TRC-DUP-GW-03 is a duplicate sample of TRC-GW-03

USEPA - United States Environmental Protection Agency

U- Non-detect

Table 13
New York City School Construction Authority
Proposed Public School (K14A) - Acquisition
257 Franklin St, Brooklyn, NY
Summary of Groundwater Sampling Analytical Results for
NYCDEP Sewer Use Discharge Parameters

		SAMPLE NAME:	TRC-GW-08	
		LABORATORY SAMPLE ID:	L2355233-09	
		DATE SAMPLE COLLECTED:	9/20/2023	
		MATRIX:	Groundwater	
PARAMETERS	NYCDEP Sewer Use Discharge Limit	Units	Result	
Non-polar material*	50	mg/L	4	U
pH (range)	5-12	SU's	7.45	
Benzene	134	µg/L	1.0	U
Ethylbenzene	380	µg/L	1.0	U
Toluene	74	µg/L	1.0	U
Xylene (Total)	74	µg/L	1.0	U
CBOD	--	mg/L	2.0	U
Cadmium**	2 / 0.69	mg/L	0.0050	U
Carbon Tetrachloride	--	µg/L	1.0	U
Chloride	--	mg/L	200	
Chloroform	--	µg/L	0.76	J
Copper	5	mg/L	0.0052	J
1,4 Dichlorobenzene	--	µg/L	5.0	U
Hexavalent Chromium	5	mg/L	0.0040	J
Lead	2	mg/L	0.0010	U
Mercury	0.05	mg/L	0.00020	U
Nickel	3	mg/L	0.0032	J
Zinc	5	mg/L	0.0086	
Flash Point	>140	degrees F	>150	
Total Nitrogen	--	mg/L	6.0	
Total Solids	--	mg/L	820	
Total Suspended Solids	350	mg/L	15	
Phenolics	--	mg/L	0.0073	U
PCB's (Total)***	1	µg/L	0.071	U
1,2,4 Trichlorobenzene	--	µg/L	2.5	U
1,1,1-Trichloroethane	--	µg/L	2.5	U
Tetrachloroethene (PCE)	20	µg/L	2.0	J
MTBE (Methyl-Tert-Butyl-Ether)	50	µg/L	10	U
Naphthalene	47	µg/L	0.27	U

Notes:

µg/L - micrograms per liter

-- No criteria

* According to the New York City Department of Environmental Protection Bureau of Wastewater Treatment's *Limitations for Effluent* To Sanitary Or Combined Sewers, analysis for non-polar materials is by method 1664 Rev. A by EPA Lab Report.

** The NYCDEP Sewer Use Discharge Parameter for cadmium - instantaneous is 2 mg/L and the NYCDEP Sewer Use Discharge Parameter for cadmium - composite is 0.69 mg/L.

*** Analysis for PCBs is required if both conditions listed below are met: 1) If proposed discharge ≥ 10,000 gpd; 2) If duration of a discharge > 10 days. PCBs (Total) is the sum of PCB-1242 (Arochlor 1242), PCB-1254 (Arochlor 1254), PCB-1221 (Arochlor 1221), PCB-1232 (Arochlor 1232), PCB-1248 (Arochlor 1248), PCB-1260 (Arochlor 1260) and PCB-1016 (Arochlor 1016).

J- Estimated value

Light gray shade with bold text indicates result exceeds NYCDEP Sewer Use Discharge Limit.

mg/L - milligrams per liter

U- Non-detect

APPENDIX A

PHOTOGRAPH LOG

Appendix A
Photograph Log

Photo 1: Hager-Richter performing geophysical survey at the Site, typical.

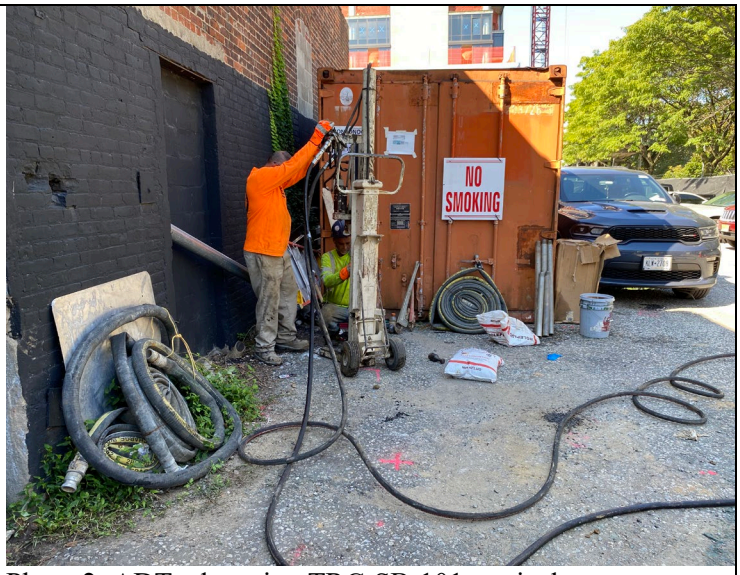


Photo 2: ADT advancing TRC-SB-101, typical.

Photo 3: Groundwater sampling setup and temporary well installed at TRC-GW-03, typical.

Photo 4: Soil vapor sampling setup at SV-03, typical.

Appendix A
Photograph Log

Photo 5: Impacted soil encountered at TRC-SB-101 from 8.5-9.5 feet below ground surface (bgs) interval.

Photo 6: Boring TRC-SB-02/GW-02 and TRC-SV-02 patched with blacktop and restored to original condition, typical.

Photo 7: ADT advancing TRC-SB-03, typical.

Photo 8: Fill material encountered at TRC-SB-02 from 1-4 feet bgs interval.

TRC Job No.	Photographs Taken By:	Page No.	Client:	Site Name & Address:	
549782	Michael Kensell, Hannah Darensbourg	2 of 2	New York City School Construction Authority	Proposed Public School Facility K14A, 257 Franklin Street Brooklyn, NY 11208	TRC

APPENDIX B

GEOPHYSICAL SURVEY REPORT

HRGS

GEOPHYSICAL SURVEY
257 FRANKLIN STREET
BROOKLYN, NEW YORK

Prepared for:

TRC
1430 Broadway, 10th Floor
New York, NY 10018

Prepared by:

Hager-Richter Geoscience, Inc.
dba HR Geological Services in New York
846 Main Street
Fords, New Jersey 08863

File 22J48B
September 2023

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HRGS
HAGER-RICHTER GEOSCIENCE

GEOPHYSICS FOR THE ENGINEERING & ENVIRONMENTAL COMMUNITIES

2 Industrial Way S/2, Atkinson, NH (603.893.9944)
846 Main Street, Fords, NJ (732.661.0555)

www.hager-richter.com

September 29, 2023
File 22J48B

Elise He
Environmental Scientist
TRC
1430 Broadway, 10th Floor
New York, NY 10018

Office: 332-240-6723
Mobile: 917-576-5867
Email: ehe@trccompanies.com

RE: Utility Location Services
257 Frankin Street
Brooklyn, New York

Dear Ms. He:

In this report, we summarize the results of a geophysical survey conducted in September 2023 by Hager-Richter Geoscience, Inc., dba HR Geological Services in NY (HRGS), at the above referenced site for TRC. The scope of the project and areas of interest were specified by TRC.

INTRODUCTION

The site is located at 257 Franklin Street in Brooklyn, New York. The site is a property that the New York City School Construction Authority (NYCSCA) is proposing to purchase. Figure 1 shows the general location of the site. TRC requested a geophysical survey to determine the locations of utilities and other subsurface features in the accessible exterior and interior portions of the site, and specifically, in the vicinity of 12 proposed borings at the site.

The site was a vacant lot that measured 250 feet by 100 feet, approximately. Figure 2 shows the locations of the proposed borings and surrounding survey area. Large portions of the site were occupied by parked vehicles and stagged materials severely limiting access to the area of interest.

OBJECTIVE

The objective of the geophysical survey was to detect and, if detected, to locate utilities and other subsurface obstructions in the accessible exterior and interior portions of site.

THE SURVEY

Amanda Fabian, P.G., and Alexis Martinez, of HRGS conducted the field operations on September 15 & 19, 2023. The project was coordinated with Ms. Elise He. Mr. Owen Maskell, and Ms. Hannah Darensbourg, also of TRC, was present for the survey and specified the proposed boring locations.

HRGS

The geophysical survey was conducted using two (2) complementary geophysical methods: ground penetrating radar (GPR) and precision utility location (PUL). GPR data were acquired in two mutually perpendicular directions and spaced no more than 5 feet apart across the accessible portions of the site. The GPR method is useful for detecting both metallic and non-metallic subsurface objects.

The PUL system was used for tracking utilities in the areas of interest by connecting the transmitter to surface features such as valves and hydrants and by scanning the AOI for the presence of live electric lines.

The proposed locations of the boreholes were marked in the field by TRC at the beginning of the survey. Utilities and other features detected in the vicinity of proposed borings were marked on the ground at the time of the survey.

EQUIPMENT AND PROCEDURES

GPR. The GPR survey was conducted using a Geophysical Survey Systems, Inc. UtilityScan HS system with a 350 MHz Hyper Stacking digital antenna and a 60 ns time window. The system includes a survey wheel that triggers the recording of the data at fixed intervals, thereby ensuring the accuracy of the locations of features detected along the survey lines.

GPR uses a high-frequency electromagnetic pulse (referred to herein as “radar signal”) transmitted from a radar antenna to probe the subsurface. The transmitted radar signals are reflected from subsurface interfaces of materials with contrasting electrical properties. Travel times of the radar signal can be converted to approximate depth below the surface by correlation with targets of known depths and by a curve matching routine. We monitor the acquisition of GPR data in the field and record the GPR data digitally for subsequent processing. Interpretation of the records is based on the nature and intensity of the reflected signals and on the resulting patterns.

Data from the GPR survey were processed using RADAN 7.4 GPR processing software from Geophysical Survey Systems, Inc. We reviewed profile images of the GPR data. Interpretation of the records is based on the nature and intensity of the reflected signals and on the resulting patterns.

PUL. The PUL survey was conducted using a Radiodetection RD 8200 series PUL instrument. The RD 8200 series consists of a separate transmitter and receiver. The system can be used in "passive" and "active" modes to locate buried pipes by detecting electromagnetic signals carried by the pipes. In the "passive" mode, only the receiver unit is used to detect signals carried by the pipe from nearby power lines, live signals transmitted along underground power cables, or very low frequency radio signals resulting from long wave radio transmissions that flow along buried conductors. In the "active" mode of operation, the transmitter is used to induce a signal on a target pipe, and the receiver is used to trace the signal along the length of the pipe. Our system uses a 10W transmitter.

LIMITATIONS OF THE METHOD

HRGS MAKES NO GUARANTEE THAT ALL TARGETS WERE DETECTED IN THIS SURVEY. HRGS IS NOT RESPONSIBLE FOR DETECTING TARGETS THAT CANNOT BE DETECTED BY THE

HRGS

METHODS EMPLOYED OR BECAUSE OF SITE CONDITIONS. GPR SIGNAL PENETRATION MIGHT NOT BE SUFFICIENT TO DETECT ALL TARGETS.

Field mark-outs. Utilities and other features detected by the GPR and PUL methods at the time of the survey are marked in the field. Adverse weather and site conditions (rain, uneven surfaces, high traffic, etc.) can hamper in-field interpretation. Field markings made on wet pavement, sand, or gravel surfaces, or in active construction zones may not last. HRGS is not responsible for maintaining field markings after leaving the work area.

GPR. There are limitations of the GPR technique as used to detect and/or locate targets such as those of the objectives of this survey: (1) surface conditions, (2) electrical conductivity of the ground, (3) contrast of the electrical properties of the target and the surrounding soil, and (4) spacing of the traverses. Of these restrictions, only the last is controllable by us.

The condition of the ground surface can affect the quality of the GPR data and the depth of penetration of the GPR signal. Sites covered with snow piles, high grass, bushes, landscape structures, debris, obstacles, soil mounds, etc. limit the survey access and the coupling of the GPR antenna with the ground. In many cases, the GPR signal will not penetrate below concrete pavement, especially inside buildings, and a target may not be detectable. The GPR method also commonly does not provide useful data under canopies found at some facilities. GPR surveys inside buildings may be severely constrained by space limitations and interference from above-grade structures.

The electrical conductivity of the ground determines the attenuation of the GPR signals and thereby limits the maximum depth of exploration. For example, the GPR signal does not penetrate clay-rich soils and targets buried in clay might not be detected.

A definite contrast in the electrical conductivities of the surrounding ground and the target material is required to obtain a reflection of the GPR signal. If the contrast is too small, possibly due to construction details or deeply corroded metal in the target, then the reflection may be too weak to recognize, and the target can be missed. In many cases, plastic, clay, asbestos concrete (transite), brick-lined, stone-lined, and other non-metallic utilities cannot be detected.

Spacing of the traverses is limited by access at many sites, but where flexibility of traverse spacing is possible, the spacing is adjusted to the size of the target. The GPR operator controls the spacing between lines, and the design of the survey is based on the dimensions of the smallest feature of interest. Targets with dimensions smaller than the spacing between GPR survey lines can be missed.

PUL. The PUL equipment cannot detect non-metallic utilities, such as pipes constructed of vitrified clay, transite, plastic, PVC, fiberglass, and unreinforced concrete, when used in passive mode alone. Such pipes can be detected if a wire tracer is installed with access to such tracer for transmission of a signal or where access (such as floor drains and clean-outs) permits insertion of a device on which a signal can be transmitted.

In some, but not all, cases, the subsurface utility designation equipment cannot detect metal utilities reliably under reinforced concrete because the signal couples onto the metal reinforcing in the concrete.

Similarly, the method commonly cannot be used adjacent to grounded metal structures such as chain link fences and metal guardrails.

In congested areas, where several utilities are bundled or located within a short distance, the signal transmitted on one utility can couple onto adjacent utilities, and the accuracy of the location indicated by the instrument decreases.

RESULTS

The geophysical survey was conducted using the GPR and PUL methods across the accessible portions of site and specifically in the vicinity of 12 proposed boring locations. Figure 2 shows the locations of the proposed borings within the area of interest, the GPR transects and our integrated interpretation.

GPR. Apparent GPR signal penetration was poor, with reflections received for about 10-15 nanoseconds. Based upon velocity matching calibrations made for the area of interest, the GPR signal penetration is estimated to have been a maximum of 2 feet.

The GPR records exhibit one linear alignment interpreted as a possible utility and it is shown in Figure 2 as a dashed line. Additionally, GPR reflections consistent with small unidentified buried objects were also observed, and their locations are shown as red "x".

Whether additional USTs, utilities, or other features occur at a depth greater than the effective depth of penetration of the GPR signal (~2 feet) or in areas inaccessible to the geophysical survey cannot be determined from the geophysical data.

PUL. The PUL transmitter was attached to conduits located in or near the AOIs, such as light poles, gas valves, fire hydrants, etc. The PUL survey was also conducted in "passive" mode to detect signals carried by utilities from nearby power lines. Where possible, manholes and catch basins were opened to observe visual alignment of sewer and drain utilities. No utilities were detected with the PUL.

CONCLUSIONS

Based upon the geophysical survey performed by HRGS at 257 Frankin Street, in Brooklyn, New York, we conclude that:

- A possible utility and small unidentified buried objects were detected.
- *Whether additional USTs, utilities, or other features occur at a depth greater than the effective depth of penetration of the GPR signal (~ 2 feet) or in areas inaccessible to the geophysical survey cannot be determined from the geophysical data*.

LIMITATIONS ON USE OF THE REPORT

This letter report was prepared for the exclusive use of TRC and its client (collectively, the Client). No other party shall be entitled to rely on this Report, or any information, documents, records, data,

HRGS

interpretations, advice or opinions given to the Client by Hager-Richter Geoscience, Inc. (HRGS) in the performance of its work. The Report relates solely to the specific project for which HRGS has been retained and shall not be used or relied upon by the Client or any third party for any variation or extension of this project, any other project or any other purpose without the express written permission of HRGS. Any unpermitted use by the Client or any third party shall be at the Client's or such third party's own risk and without any liability to HRGS.

HRGS has used reasonable care, skill, competence, and judgment in the performance of its services for this project consistent with professional standards for those providing similar services at the same time, in the same locale, and under like circumstances. Unless otherwise stated, the work performed by HRGS should be understood to be exploratory and interpretational in character and any results, findings or recommendations contained in this Report or resulting from the work proposed may include decisions which are judgmental in nature and not necessarily based solely on pure science or engineering. It should be noted that our conclusions might be modified if subsurface conditions were better delineated with additional subsurface exploration including, but not limited to, test pits, soil borings with collection of soil and water samples, and laboratory testing.

Except as expressly provided in this limitations section, HRGS makes no other representation or warranty of any kind whatsoever, oral or written, expressed or implied; and all implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed.

If you have any questions or comments on this letter report, please contact us at your convenience. It has been a pleasure to work with TRC on this project. We look forward to working with you again in the future.

Sincerely,
HAGER-RICHTER GEOSCIENCE, INC.

José Carlos Cambero Calzada, P.G.(NY 000899)
Senior Geophysicist

Attachments: Figures 1-2

N

APPROXIMATE SCALE (feet)

0 500 1000

LOCATION

NOTE

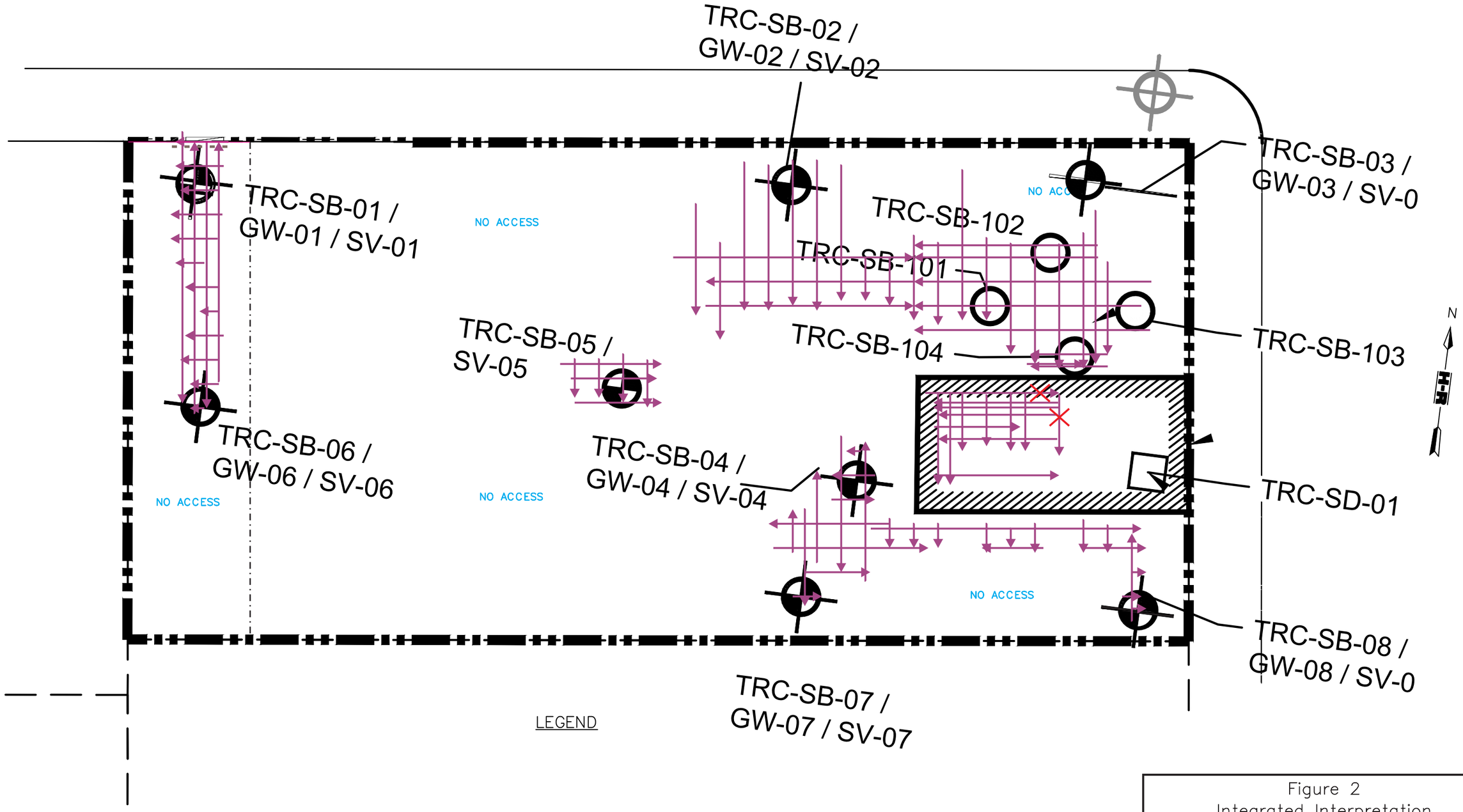
Modified from Bing aerial photograph.

* DBA HR Geological Services in New York

Figure 1
General Site Location
257 Franklin Street
Brooklyn, New York

File 22J48B	September 2023

HRGS* Atkinson, NH
Fords, NJ



LEGEND

GPR TRAVERSE

POSSIBLE UTILITY

UNIDENTIFIED BURIED OBJECT

SCALE (feet)

0 20 40

NOTE:

Modified from a site plan provided by TRC entitled "Figure 3 – Sampling Location Map.pdf"

* DBA HR Geological Services in New York

Figure 2
Integrated Interpretation
257 Franklin Street
Brooklyn, New York

File 22J48B	September 2023

HRGS* Atkinson, NH
Fords, NJ

APPENDIX C

BORING LOGS

1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-01**

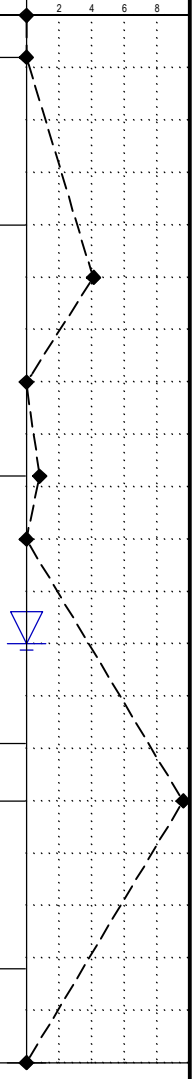
PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/19/23	Date Completed:	9/19/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Rajiu Singh
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/19/2023		
DEPTH (ft.bgs.)	12		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION
						0 '- 0.8 ' CONCRETE/ASPHALT.
	TRC-SB-01 (1-4)		5.0	4.0		0.8 '- 4 ' dark brown fine to coarse SAND, some fill (concrete, red brick, asphalt, ceramic), dry, NO, NS.
5						5 '- 8.8 ' Grayish brown medium to coarse SAND, trace fine gravel, dry to moist, NO, NS.
			5.0	3.8		
10						10 '- 13.9 ' Grayish brown medium to coarse SAND, trace fine gravel, moist to wet, NO, NS.
	TRC-SB-01 (10-12)		5.0	5.0		
15						13.9 '- 15 ' Brown to reddish brown fine to medium silty SAND, some clay, wet, NO, NS.
						15 '- 18.2 ' Grayish brown medium to coarse SAND, trace fine gravel, wet, NO, NS.
			5.0	5.0		
20						18.2 '- 20 ' Reddish brown coarse SAND, some fine to medium gravel, wet, NO, NS.

Bottom of borehole at 20.0 feet.



Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
\\NYC-FP1\ENVIRONMENTAL\SHARED\PROJECTS\NYCSCA CONTRACT C000016043\549782 - 257 FRANKLIN STREET PHASE II\REPORT\APPENDIX C - BORING LOGS\SB LOGS.GPJ

1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-02**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/18/23	Date Completed:	9/18/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Rajiu Singh
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/18/2023		
DEPTH (ft.bgs.)	13.5		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
	TRC-SB-02 (1-4)		5.0	4.0		0 '- 0.2 ' ASPHALT. 0.2 '- 3.5 ' FILL (black gravel, some medium to coarse sand, some red brick, some concrete, ash, and ceramic), dry, NO, NS.	
						3.5 '- 4 ' Light brown medium to coarse SAND, some fine gravel, some fill (red brick, asphalt, concrete), dry, NO, NS.	
5			5.0	4.3		5 '- 9.3 ' Light brown medium to coarse SAND, some fine gravel, some fill (red brick, asphalt, and concrete), dry to moist, NO, NS.	
10	TRC-SB-02 (11.5-13.5)		5.0	5.0		10 '- 13.5 ' Light brown medium to coarse SAND, some fine gravel, some fill (red brick, asphalt, and concrete), moist to wet, NO, NS.	
						13.5 '- 14.5 ' Light brown fine to medium silty SAND, some clay, wet, NO, NS.	
15						14.5 '- 15 ' Brown fine to coarse SAND, some silt, trace clay, wet, NO, NS.	
			5.0	4.7		15 '- 16.2 ' Brown fine to coarse SAND, some silt, trace clay, wet, NO, NS. 16.2 '- 19.7 ' Brown to reddish brown fine to medium silty SAND, some silt, trace clay, wet, NO, NS.	
20							

Bottom of borehole at 20.0 feet.

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
\\NYC-FP1\ENVIRONMENTAL\SHARED\PROJECTS\NYCSCA CONTRACT C000016043\549782 - 257 FRANKLIN STREET PHASE II\REPORT\APPENDIX C - BORING LOGS\SB LOGS.GPJ

1430 Broadway 10th Fl
New York, New York 10018

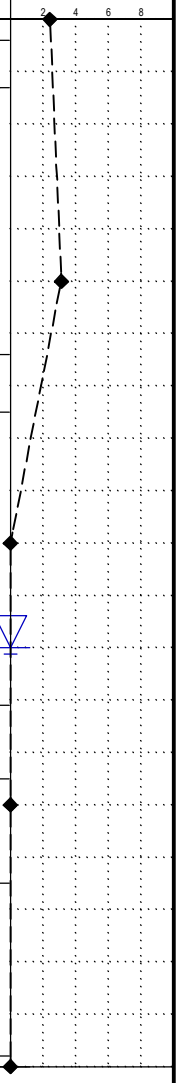
BORING NUMBER: **TRC-SB-03**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/18/23	Date Completed:	9/18/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Rajiu Singh
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/18/2023		
DEPTH (ft.bgs.)	12		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION
	TRC-SB-03 (1-4)		5.0	1.3		0 '- 0.4 ' ASPHALT.
						0.4 '- 1.3 ' FILL (black gravel, some fine to coarse sand, some red brick, ash, and concrete), dry, NO, NS.
5						5 '- 6.4 ' FILL (black gravel, some fine to coarse sand, some red brick, ash, and concrete), dry, NO, NS.
			5.0	2.5		6.4 '- 7.5 ' Light brown fine to coarse SAND, some fine gravel, some red brick, ash, dry to moist, NO, NS.
10	TRC-SB-03 (10-12)		5.0	4.5		10 '- 13.1 ' Light brown fine to coarse SAND, some fine gravel, some red brick, ash, moist to wet, NO, NS.
						13.1 '- 14.5 ' Light brown fine to medium silty SAND, some clay, wet, NO, NS.
15						15 '- 16.5 ' Reddish brown silty CLAY, trace fine to medium sand, wet, NO, NS.
			5.0	4.8		16.5 '- 19.8 ' Brown to reddish brown fine to medium SAND, some clay, wet, NO, NS.
20						Bottom of borehole at 20.0 feet.



Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-04**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/19/23	Date Completed:	9/19/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Rajiu Singh
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/19/2023		
DEPTH (ft.bgs.)	14		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
	TRC-SB-04 (1-4)		5.0	3.0		0 '- 0.4 ' CONCRETE/ASPHALT.	
						0.4 '- 2 ' Black to dark brown gravelly coarse SAND, some fill (brick, asphalt, concrete), dry, NO, NS.	
						2 '- 3 ' Brown fine to coarse SAND, some red brick, some concrete, trace wood, dry, NO, NS.	
5						5 '- 5.8 ' Brown fine to coarse SAND, some red brick, concrete, trace wood, dry, NO, NS.	
						5.8 '- 7 ' Brown fine to medium silty SAND, some clay, dry, NO, NS.	
			5.0	4.5		7 '- 9.5 ' Brown clayey SAND, some silty, dry, NO, NS.	
10						10 '- 12 ' Brown clayey SAND, some silty, dry to moist, NO, NS.	
	TRC-SB-04 (12-14)		5.0	3.0		12 '- 12.5 ' Reddish brown CLAY, some silt, moist, NO, NS.	
						12.5 '- 13 ' Brown fine to medium silty SAND, some clay, wet, NO, NS.	
15						15 '- 20 ' Brown fine to medium silty SAND, some clay, wet, NO, NS.	
			5.0	5.0			
20						Bottom of borehole at 20.0 feet.	

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-05**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/20/23	Date Completed:	9/20/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and George Raymond
Drilling Method:	Direct Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' Macro Core

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/20/2023		
DEPTH (ft.bgs.)	13		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
						0 '- 0.3 ' ASPHALT.	
	TRC-SB-05 (1-4)		5.0	4.0		0.3 '- 2.5 ' Black coarse gravelly SAND, some fill (red brick, ceramic, concrete), dry, NO, NS.	
						2.5 '- 3.8 ' Reddish brown fine to medium SAND, trace clay, some silt, dry, NO, NS.	
						3.8 '- 4 ' Reddish brown silty CLAY, dry, NO, NS.	
5						5 '- 5.5 ' Reddish brown silty CLAY, dry, NO, NS.	
			5.0	4.0		5.5 '- 9 ' Reddish brown to brown fine to medium silty SAND, some clay, dry to moist, NO, NS.	
10						10 '- 11.5 ' Reddish brown to brown fine to medium silty SAND, some clay, moist, NO, NS.	
	TRC-SB-05 (11-13)		5.0	3.8		11.5 '- 13.8 ' Brown fine to coarse SAND, trace silt, wet, NO, NS.	
15						15 '- 17.3 ' Brown fine to coarse SAND, trace silt, wet, NO, NS.	
			5.0	5.0		17.3 '- 20 ' Brown to reddish brown fine to medium silty SAND, trace clay, wet, NO, NS.	
20						Bottom of borehole at 20.0 feet.	

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
\\NYC-FP1\ENVIRONMENTAL\SHARED\PROJECTS\NYCSCA CONTRACT C000016043\549782 - 257 FRANKLIN STREET PHASE II\REPORT\APPENDIX C - BORING LOGS\SB LOGS.GPJ

1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-06**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/19/23	Date Completed:	9/19/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Rajiu Singh
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/19/2023		
DEPTH (ft.bgs.)	13		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
						0 '- 0.2 ' ASPHALT.	
						0.2 '- 2.4 ' Black coarse gravelly SAND, some fill (ash, brick, coal), dry, NO, NS.	
	TRC-SB-06 (1-4)		5.0	4.3		2.4 '- 4.3 ' Light brown fine to medium silty SAND, some clay, NO, NS.	
5						5 '- 6.4 ' Light brown fine to medium silty SAND, some clay, dry, NO, NS.	
	TRC-SB-06 (11-13)		5.0	4.0		6.4 '- 8.8 ' Grayish brown fine to medium SAND, trace fine gravel, dry, NO, NS.	
						8.8 '- 9 ' Reddish brown silty CLAY, some fine to medium sand, dry to moist, NO, NS.	
10						10 '- 11.5 ' Reddish brown silty CLAY, some fine to medium sand, moist, NO, NS.	
			5.0	4.5		11.5 '- 14.5 ' Grayish brown medium to coarse SAND, some fine to medium gravel, moist to wet, NO, NS.	
15						15 '- 20 ' Grayish brown medium to coarse SAND, some fine to medium gravel, wet, NO, NS.	
			5.0	5.0			
20							

Bottom of borehole at 20.0 feet.

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-07**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/20/23	Date Completed:	9/20/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and George Raymond
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/20/2023		
DEPTH (ft.bgs.)	13		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
						0 '- 0.2 ' ASPHALT.	
	TRC-SB-07 (1-4)		5.0	4.0		0.2 '- 2.5 ' Black coarse gravelly SAND, some fill (ash, brick, ceramic, coal), dry, NO, NS.	
						2.5 '- 4 ' Brown to grayish brown fine silty SAND, trace clay, dry, NO, NS.	
5						5 '- 7.4 ' Brown to grayish brown fine silty SAND, trace clay, dry, NO, NS.	
			5.0	4.0		7.4 '- 9 ' Reddish brown fine to medium SAND, some silt, dry, NO, NS.	
10						10 '- 13.5 ' Reddish brown fine to medium SAND, some silt, moist to wet, NO, NS.	
	TRC-SB-07 (11-13)		5.0	5.0			
						13.5 '- 15 ' Grayish brown fine silty SAND, some clay, wet, NO, NS.	
15						15 '- 20 ' Grayish brown fine silty SAND, some clay, wet, NO, NS.	
			5.0	5.0			
20							

Bottom of borehole at 20.0 feet.

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-08**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/20/23	Date Completed:	9/20/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and George Raymond
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/20/2023		
DEPTH (ft.bgs.)	13.5		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
	TRC-SB-08 (1-4)		5.0	3.0		0 '- 0.3 ' ASPHALT. 0.3 '- 2.4 ' Black coarse gravelly SAND, some fill (red brick, asphalt, ash, and ceramic), dry, NO, NS. 2.4 '- 3 ' Brown medium to coarse gravelly SAND, some fill (red brick, ceramic, fine to coarse gravel), dry, NO, NS.	
5			5.0	3.8		5 '- 3.5 ' Brown medium to coarse gravelly SAND, some fill (red brick, ceramic, fine to coarse gravel), dry, NO, NS.	
10	TRC-SB-08 (11.5-13.5)		5.0	4.0		10 '- 11.3 ' Light brown to grayish brown medium to coarse SAND, some fine to medium gravel, dry to moist, NO, NS. 11.3 '- 14 ' Brown medium to coarse gravelly SAND, wet, NO, NS.	
15			5.0	4.5		15 '- 19.5 ' Brown medium to coarse gravelly sand, wet, NO, NS.	
20						Bottom of borehole at 20.0 feet.	

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-101**

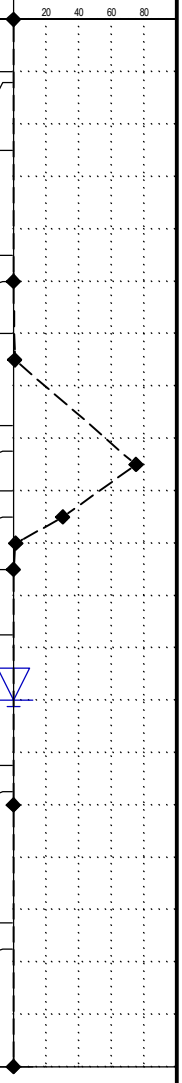
PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/21/23	Date Completed:	9/21/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Tom Shpprein
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	3' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/21/2023		
DEPTH (ft.bgs.)	13		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION
			3.0	2.5		0 '- 1 ' ASPHALT.
						1 '- 1.2 ' ASPHALT, some rock.
						1.2 '- 2.5 ' Dark brown silty SAND, little rock, dry, NO, NS.
			3.0	3.0		3 '- 4.5 ' Brown sitly SAND, trace clay, dry, NO, NS.
5						4.5 '- 5 ' Brown CLAY, little silt, trace sand, dry, NO, NS.
						5 '- 6 ' Brown clayey SAND, trace silt, dry, NO, NS.
	TRC-SB-101 (8.5-9.5)		3.0	3.0		6 '- 7.75 ' Brown CLAY, little fine sand, mica, trace silt, dry to moist, NO, NS.
						7.75 '- 8.25 ' Brown CLAY, little fine sand, dry to moist, NO, NS.
						8.25 '- 9 ' Grey silty CLAY, trace sand, dry, slight petroleum-like odor, slight stain.
						9 '- 9.5 ' Grey silty CLAY, trace sand, dry, slight petroleum-like odor, slight stain.
10						9.5 '- 10.5 ' Fine to medium SAND, some clay and silt, dry, NO, NS.
	TRC-SB-101 (10.5-12.5)		3.0	2.8		10.5 '- 11.75 ' Fine to medium SAND, little clay and silt, dry, NO, NS.
			3.0	2.8		12 '- 14.25 ' Brown SILT with sand, little clay, trace rock, NO, NS.
15						14.25 '- 14.75 ' Brown coarse SAND, little rock, moist to wet, NO, NS.
			3.0	2.8		15 '- 17.25 ' Brown medium to coarse SAND, trace silt, moist to wet, NO, NS.
						17.25 '- 17.75 ' Brown coarse SAND, little rock, moist to wet, NO, NS.
20						

VOC SCREENING RESULTS (ppm)



Refusal at 18.0 feet.
Bottom of borehole at 20.0 feet.

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-102**

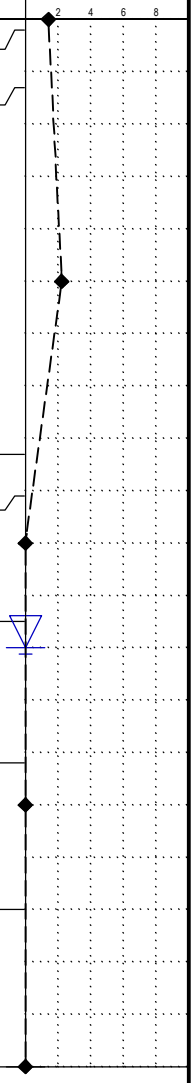
PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/18/23	Date Completed:	9/18/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M.Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Rajiu Singh
Drilling Method:	Direct-Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' MACROCORE

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/18/2023		
DEPTH (ft.bgs.)	12		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION
			5.0	1.3		0 '- 0.2 ' ASPHALT. 0.2 '- 1.3 ' Black gravel, some fine to coarse sand, some red brick, concrete, and ash (FILL), dry, NO, NS.
5	TRC-SB-102 (8-10)		5.0	4.1		5 '- 8.3 ' Light brown medium to coarse SAND, some fine gravel, some fill (red brick, concrete), dry, NO, NS. 8.3 '- 9.1 ' Light brown fine to coarse SAND, some fill (red brick, trace wood), moist, NO, NS.
10			5.0	4.2		10 '- 11.5 ' Light brown fine to coarse SAND, some fill (red brick, trace wood), moist, NO, NS. 11.5 '- 14.2 ' Brown to reddish brown fine to medium silty SAND, some clay, NO, NS.
15			5.0	2.0		15 '- 17 ' Brown to reddish brown fine to medium silty SAND, some clay, NO, NS.
20						Bottom of borehole at 20.0 feet.

VOC SCREENING RESULTS (ppm)



Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-103**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/18/23	Date Completed:	9/18/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg and M. Kensell	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Rajiu Singh
Drilling Method:	Direct Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' Macrocore

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/18/2023		
DEPTH (ft.bgs.)	12		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
						0 '- 0.2 ' ASPHALT.	
			5.0	1.7		0.2 '- 1.7 ' FILL (Black to gray gravel, some medium to coarse sand, some red brick, ash, ceramic, trace wood), dry, NO, NS.	
5						5 '- 6.6 ' FILL (Black to gray gravel, some medium to coarse sand, some red brick, ash, ceramic, trace wood), dry, NO, NS.	
	TRC-SB-103 (8-10)		5.0	3.2		6.6 '- 8.2 ' Light brown SAND, some fine to medium gravel, some fill (red brick), dry to moist, NO, NS.	
10						10 '- 13.4 ' Light brown SAND, some fine to medium gravel, some red brick (fill), moist to wet, NO, NS.	
			5.0	3.9			
						13.4 '- 13.9 ' Light brown fine to medium silty SAND, some fine gravel, wet, NO, NS.	
15						15 '- 17 ' Light brown clayey SAND, some silt, wet, NO, NS.	
			5.0	2.0			
20							

Bottom of borehole at 20.0 feet.

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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1430 Broadway 10th Fl
New York, New York 10018

BORING NUMBER: **TRC-SB-104**

PROJECT INFORMATION		BORING INFORMATION			
Project Name:	Proposed Public School Facility K14A Phase II ESI	Boring Depth:	20	Hole Diameter:	2 inches
Project Location:	257 Franklin Street, Brooklyn, NY 11222	Date Started:	9/21/23	Date Completed:	9/21/23
Project Number:	549782	Coordinate System:	NY East Plane System - NAD83		
Client:	New York City School Construction Authority	North:	Not Surveyed	East:	Not Surveyed
Logged By:	H.Darensbourg	Vertical Datum:		Ground Elevation:	Not Surveyed
Checked By:	E. Ebert				

DRILLING INFORMATION	
Drilling Contractor:	Aquifer Drilling & Testing
Driller(s):	Chris Migliore and Tom Shpprein
Drilling Method:	Direct Push
Equipment/Model:	Geoprobe 7822DT
Sampler:	5' Macrocore

GROUND WATER OBSERVATIONS			
MEASUREMENT	At Time of Drilling	At End of Drilling	After Drilling
DATE	9/21/2023		
DEPTH (ft.bgs.)	13		
REFERENCE	Ground Surface	Ground Surface	Ground Surface
STABILIZATION			

DEPTH (FT.)	SAMPLE NUMBER	SAMPLE TYPE	PENETRATION (FT.)	RECOVERY (FT.)	LITHOLOGY	MATERIAL DESCRIPTION	VOC SCREENING RESULTS (ppm)
			3.0	3.0		0 '- 0.5 ' ASPHALT. 0.5 '- 3 ' Brown medium silty SAND, trace clay, dry, NO, NS.	
			3.0	1.7		3 '- 4 ' Brown fine SILT, some clay, trace sand, dry to moist, NO, NS. 4 '- 4.5 ' Brown fine SILT, some clay, trace sand, trace mica, dry to moist, NO, NS.	
5						5 '- 7 ' Brown to grey fine SILT, some clay, trace sand, dry to moist, slight petroluem-like odor, slight staining.	
	TRC-SB-104 (5-7) and TRC-SB-104 (8-10)		5.0	5.0		7 '- 10 ' Brown medium SAND, some silt, dry, NO, NS.	
10			3.0	2.3		10 '- 11.5 ' Brown sandy SILT, some clay, dry to moist, NO, NS. 11.5 '- 12.5 ' Brown to black coarse SAND, little rock, trace silt, moist, NO, NS.	
15			3.0	2.3		13 '- 15.3 ' Brown medium to coarse SAND, little rock, trace silt, moist to wet, NO, NS.	
			3.0	2.5		16 '- 18 ' Brown medium to coarse SAND, trace silt, moist to wet, N/O, N/S. 18 '- 18.5 ' Brown coarse SAND, little rock, moist to wet, NO, NS.	
20							

Refusal at 18.5 feet.
Bottom of borehole at 20.0 feet.

Notes: NO = No odor; NS = No Staining

SOIL BORING/WELL COMPLETION WITH NOTES_2 - TRC_WINDSOR_STD.GDT - 10/13/23
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APPENDIX D

LABORATORY DATA

ANALYTICAL REPORT

Lab Number:	L2354519
Client:	TRC Environmental Corp 1430 Broadway 10th Floor New York, NY 10018
ATTN:	Sam Ambrose
Phone:	(212) 221-7822
Project Name:	257 FRANKLIN ST PHASE II ESI
Project Number:	549782
Report Date:	10/16/23

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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).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354519-01	TRC-SB-03 (1-4)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/17/23 08:55	09/18/23
L2354519-02	TRC-SB-03 (10-12)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/18/23 09:05	09/18/23
L2354519-03	TRC-SB-02 (1-4)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/17/23 14:10	09/18/23
L2354519-04	TRC-SB-02 (11.5-13.5)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/17/23 14:30	09/18/23
L2354519-05	TRC-SB-DUP-01	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/17/23 00:00	09/18/23
L2354519-06	TRC-GW-03	WATER	257 FRANKLIN STREET, BROOKLYN,NY	09/18/23 10:55	09/18/23
L2354519-07	TRC-DUP-GW-01	WATER	257 FRANKLIN STREET, BROOKLYN,NY	09/17/23 00:00	09/18/23
L2354519-08	TRC-SB-102 (8-10)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/17/23 12:00	09/18/23
L2354519-09	TRC-SB-103 (8-10)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/17/23 12:45	09/18/23

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2354519
Project Number:	549782	**Report Date:**	10/16/23

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.

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2354519
Project Number:	549782	**Report Date:**	10/16/23

Case Narrative (continued)

Report Revision

October 16, 2023: The Volatile Organics reporting list has been corrected on L2354519-06 and -07 to include Tetrachloroethene.

October 05, 2023: The analyte lists have been amended on the following analyses:

L2354519-01 through -09: Volatile Organics and Semivolatile Organics

L2354519-01 through -05: Herbicides and Pesticides

L2354519-06 and -07: Perfluorinated Alkyl Acids by EPA 1633, Semivolatile Organics-SIM, Total Metals, and Dissolved Metals

Report Submission

September 28, 2023: This final report includes the results of all requested analyses.

September 25, 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

L2354519-02 and -06: The collection date on the chain of custody was 17-SEP-23; however, the collection date on the container label was 18-SEP-23. At the client's request, the collection date is reported as 18-SEP-23.

Semivolatile Organics

The WG1828960-2/-3 LCS/LCSD recoveries, associated with L2354519-02, -08, and -09, are below the acceptance criteria for 4,6-dinitro-o-cresol (2%/8%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

The WG1829473-3 LCSD recovery, associated with L2354519-06 and -07, are below the acceptance criteria for benzidine (2%); however, it has been identified as a "difficult" analyte. The results of the associated samples

Case Narrative (continued)

are reported.

Perfluorinated Alkyl Acids by 1633

L2354519-06, -07, WG1829538-1, WG1829538-2, and WG1829538-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1829538-2 LCS recoveries, associated with L2354519-06 and -07, is above the acceptance criteria for perfluoroheptanesulfonic acid (pfhps) (178%) and nonafluoro-3,6-dioxaheptanoic acid (nfdha) (162%); however, the associated samples are non-detect to the RL for these target analytse. The results of the original analysis are reported.

The WG1829538-3 LCS recovery, associated with L2354519-06 and -07, is above the acceptance criteria for nonafluoro-3,6-dioxaheptanoic acid (nfdha) (181%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

PCBs

The surrogate recoveries for the WG1829853-1 Method Blank, associated with L2354519-02, are below the acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (20%/20%) and decachlorobiphenyl (19%/17%). The associated sampleis non-detect and has acceptable surrogate recoveries; therefore, no further actions were taken.

Cyanide, Total

The WG1830023-2/-3 LCS/LCSD recoveries for cyanide, total (136%/132%), associated with L2354519-01, -03, -04, and -05, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

The WG1830026-2/-3 LCS/LCSD recoveries for cyanide, total (136%/132%), associated with L2354519-02, are outside our in-house acceptance criteria, but within the vendor-certified acceptance limits. The results of the original analyses are reported.

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2354519
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Case Narrative (continued)

The WG1830023-4/-5 MS/MSD recoveries, performed on L2354519-05, are outside the acceptance criteria for cyanide, total (160%/140%).

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/16/23

ORGANICS

VOLATILES

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01
Client ID: TRC-SB-03 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 08:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 15:51
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	7.6	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.25	1
Bromodichloromethane	ND		ug/kg	0.76	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.25	1
Benzene	ND		ug/kg	0.76	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1
Trichloroethene	ND		ug/kg	0.76	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01 Date Collected: 09/17/23 08:55

Client ID: TRC-SB-03 (1-4) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.3	1
Carbon disulfide	ND		ug/kg	15	6.9	1
2-Butanone	ND		ug/kg	15	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.98	1
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.49	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
Methyl Acetate	ND		ug/kg	6.0	1.4	1
Cyclohexane	ND		ug/kg	15	0.82	1
Freon-113	ND		ug/kg	6.0	1.0	1
Methyl cyclohexane	ND		ug/kg	6.0	0.91	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-01	Date Collected:	09/17/23 08:55
Client ID:	TRC-SB-03 (1-4)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	89		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02
Client ID: TRC-SB-03 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 09:05
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 16:17
Analyst: JIC
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.6	3.5	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.3	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.35	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	ND		ug/kg	0.76	0.30	1
Chlorobenzene	ND		ug/kg	0.76	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.1	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.39	1
1,1,1-Trichloroethane	ND		ug/kg	0.76	0.25	1
Bromodichloromethane	ND		ug/kg	0.76	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.76	0.24	1
Bromoform	ND		ug/kg	6.1	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.76	0.25	1
Benzene	ND		ug/kg	0.76	0.25	1
Toluene	ND		ug/kg	1.5	0.82	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.1	1.4	1
Bromomethane	ND		ug/kg	3.0	0.88	1
Vinyl chloride	ND		ug/kg	1.5	0.51	1
Chloroethane	ND		ug/kg	3.0	0.69	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.21	1
Trichloroethene	ND		ug/kg	0.76	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02 Date Collected: 09/18/23 09:05

Client ID: TRC-SB-03 (10-12) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.85	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.30	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	ND		ug/kg	15	7.3	1
Carbon disulfide	ND		ug/kg	15	6.9	1
2-Butanone	ND		ug/kg	15	3.4	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.1	0.99	1
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.49	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.51	1
Methyl Acetate	ND		ug/kg	6.1	1.4	1
Cyclohexane	ND		ug/kg	15	0.83	1
Freon-113	ND		ug/kg	6.1	1.0	1
Methyl cyclohexane	ND		ug/kg	6.1	0.92	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-02	Date Collected:	09/18/23 09:05
Client ID:	TRC-SB-03 (10-12)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	87		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 16:42
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.9	3.6	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.36	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.42	1
Tetrachloroethene	ND		ug/kg	0.79	0.31	1
Chlorobenzene	ND		ug/kg	0.79	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.3	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.79	0.26	1
Bromodichloromethane	ND		ug/kg	0.79	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.43	1
cis-1,3-Dichloropropene	ND		ug/kg	0.79	0.25	1
Bromoform	ND		ug/kg	6.3	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.79	0.26	1
Benzene	ND		ug/kg	0.79	0.26	1
Toluene	ND		ug/kg	1.6	0.86	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.3	1.5	1
Bromomethane	ND		ug/kg	3.2	0.92	1
Vinyl chloride	ND		ug/kg	1.6	0.53	1
Chloroethane	ND		ug/kg	3.2	0.71	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.79	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03 Date Collected: 09/17/23 14:10

Client ID: TRC-SB-02 (1-4) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.88	1
o-Xylene	ND		ug/kg	1.6	0.46	1
Xylenes, Total	ND		ug/kg	1.6	0.46	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.4	1
Acetone	8.2	J	ug/kg	16	7.6	1
Carbon disulfide	ND		ug/kg	16	7.2	1
2-Butanone	ND		ug/kg	16	3.5	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.32	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.44	1
n-Butylbenzene	ND		ug/kg	1.6	0.26	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.3	1.0	1
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.51	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.43	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.30	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.53	1
Methyl Acetate	ND		ug/kg	6.3	1.5	1
Cyclohexane	ND		ug/kg	16	0.86	1
Freon-113	ND		ug/kg	6.3	1.1	1
Methyl cyclohexane	ND		ug/kg	6.3	0.95	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-03	Date Collected:	09/17/23 14:10
Client ID:	TRC-SB-02 (1-4)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	87		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04
Client ID: TRC-SB-02 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:30
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 17:08
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	9.2	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	ND		ug/kg	0.92	0.36	1
Chlorobenzene	ND		ug/kg	0.92	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.4	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.92	0.31	1
Bromodichloromethane	ND		ug/kg	0.92	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.92	0.29	1
Bromoform	ND		ug/kg	7.4	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.92	0.31	1
Benzene	ND		ug/kg	0.92	0.31	1
Toluene	1.0	J	ug/kg	1.8	1.0	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.4	1.7	1
Bromomethane	ND		ug/kg	3.7	1.1	1
Vinyl chloride	ND		ug/kg	1.8	0.62	1
Chloroethane	ND		ug/kg	3.7	0.83	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.25	1
Trichloroethene	ND		ug/kg	0.92	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.7	0.26	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04 Date Collected: 09/17/23 14:30

Client ID: TRC-SB-02 (11.5-13.5) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.7	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.7	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.7	0.37	1
p/m-Xylene	ND		ug/kg	3.7	1.0	1
o-Xylene	ND		ug/kg	1.8	0.54	1
Xylenes, Total	ND		ug/kg	1.8	0.54	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	11	J	ug/kg	18	8.9	1
Carbon disulfide	ND		ug/kg	18	8.4	1
2-Butanone	ND		ug/kg	18	4.1	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.4	1
2-Hexanone	ND		ug/kg	18	2.2	1
Bromochloromethane	ND		ug/kg	3.7	0.38	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
n-Butylbenzene	ND		ug/kg	1.8	0.31	1
sec-Butylbenzene	ND		ug/kg	1.8	0.27	1
tert-Butylbenzene	ND		ug/kg	3.7	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.4	1.2	1
n-Propylbenzene	ND		ug/kg	1.8	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.7	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.7	0.50	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.7	0.36	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.7	0.62	1
Methyl Acetate	ND		ug/kg	7.4	1.8	1
Cyclohexane	ND		ug/kg	18	1.0	1
Freon-113	ND		ug/kg	7.4	1.3	1
Methyl cyclohexane	ND		ug/kg	7.4	1.1	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-04	Date Collected:	09/17/23 14:30
Client ID:	TRC-SB-02 (11.5-13.5)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	89		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05
Client ID: TRC-SB-DUP-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 17:34
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	8.2	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.44	1
Tetrachloroethene	ND		ug/kg	0.82	0.32	1
Chlorobenzene	ND		ug/kg	0.82	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.6	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.82	0.27	1
Bromodichloromethane	ND		ug/kg	0.82	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	0.82	0.26	1
Bromoform	ND		ug/kg	6.6	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.82	0.27	1
Benzene	ND		ug/kg	0.82	0.27	1
Toluene	ND		ug/kg	1.6	0.89	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.6	1.5	1
Bromomethane	ND		ug/kg	3.3	0.96	1
Vinyl chloride	ND		ug/kg	1.6	0.55	1
Chloroethane	ND		ug/kg	3.3	0.74	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.22	1
Trichloroethene	ND		ug/kg	0.82	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05 Date Collected: 09/17/23 00:00

Client ID: TRC-SB-DUP-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.92	1
o-Xylene	ND		ug/kg	1.6	0.48	1
Xylenes, Total	ND		ug/kg	1.6	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.29	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	7.9	1
Carbon disulfide	ND		ug/kg	16	7.5	1
2-Butanone	ND		ug/kg	16	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.46	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.18	1
Naphthalene	ND		ug/kg	6.6	1.1	1
n-Propylbenzene	ND		ug/kg	1.6	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.53	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.45	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.55	1
Methyl Acetate	ND		ug/kg	6.6	1.6	1
Cyclohexane	ND		ug/kg	16	0.90	1
Freon-113	ND		ug/kg	6.6	1.1	1
Methyl cyclohexane	ND		ug/kg	6.6	0.99	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-05	Date Collected:	09/17/23 00:00
Client ID:	TRC-SB-DUP-01	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	87		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06
Client ID: TRC-GW-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 10:55
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/20/23 11:41
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	1.8	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06 Date Collected: 09/18/23 10:55

Client ID: TRC-GW-03 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-06	Date Collected:	09/18/23 10:55
Client ID:	TRC-GW-03	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07 Date Collected: 09/17/23 00:00
Client ID: TRC-DUP-GW-01 Date Received: 09/18/23
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/20/23 12:07
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	1.9	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07 Date Collected: 09/17/23 00:00

Client ID: TRC-DUP-GW-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-07	Date Collected:	09/17/23 00:00
Client ID:	TRC-DUP-GW-01	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-08
Client ID: TRC-SB-102 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 12:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 17:59
Analyst: JIC
Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.1	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.81	0.32	1
Chlorobenzene	ND		ug/kg	0.81	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.5	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.81	0.27	1
Bromodichloromethane	ND		ug/kg	0.81	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.81	0.26	1
Bromoform	ND		ug/kg	6.5	0.40	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.81	0.27	1
Benzene	ND		ug/kg	0.81	0.27	1
Toluene	ND		ug/kg	1.6	0.88	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.5	1.5	1
Bromomethane	ND		ug/kg	3.2	0.94	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.73	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.81	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-08 Date Collected: 09/17/23 12:00

Client ID: TRC-SB-102 (8-10) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.90	1
o-Xylene	ND		ug/kg	1.6	0.47	1
Xylenes, Total	ND		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	7.8	1
Carbon disulfide	ND		ug/kg	16	7.4	1
2-Butanone	ND		ug/kg	16	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.45	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.18	1
Naphthalene	ND		ug/kg	6.5	1.0	1
n-Propylbenzene	ND		ug/kg	1.6	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.52	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.44	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.54	1
Methyl Acetate	ND		ug/kg	6.5	1.5	1
Cyclohexane	ND		ug/kg	16	0.88	1
Freon-113	ND		ug/kg	6.5	1.1	1
Methyl cyclohexane	ND		ug/kg	6.5	0.98	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-08	Date Collected:	09/17/23 12:00
Client ID:	TRC-SB-102 (8-10)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	89		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-09
Client ID: TRC-SB-103 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 12:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 18:25
Analyst: JIC
Percent Solids: 79%

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	2.1	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	0.38	1
Tetrachloroethene	ND		ug/kg	0.72	0.28	1
Chlorobenzene	ND		ug/kg	0.72	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.7	0.99	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
Bromoform	ND		ug/kg	5.7	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.72	0.24	1
Benzene	ND		ug/kg	0.72	0.24	1
Toluene	0.81	J	ug/kg	1.4	0.78	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.7	1.3	1
Bromomethane	ND		ug/kg	2.9	0.83	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	2.1	0.20	1
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-09 Date Collected: 09/17/23 12:45

Client ID: TRC-SB-103 (8-10) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.80	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
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.9	1
Carbon disulfide	ND		ug/kg	14	6.5	1
2-Butanone	ND		ug/kg	14	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.3	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.16	1
Naphthalene	ND		ug/kg	5.7	0.93	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	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
Methyl Acetate	ND		ug/kg	5.7	1.4	1
Cyclohexane	ND		ug/kg	14	0.78	1
Freon-113	ND		ug/kg	5.7	0.99	1
Methyl cyclohexane	ND		ug/kg	5.7	0.86	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-09	Date Collected:	09/17/23 12:45
Client ID:	TRC-SB-103 (8-10)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	87		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 07:27
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1830368-5					
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
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
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 07:27
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1830368-5					
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
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
1,2-Dibromo-3-chloropropane	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
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 07:27
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1830368-5					
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	106		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 09:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,08-09 Batch: WG1831475-5					
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
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
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 09:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,08-09 Batch: WG1831475-5					
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
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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
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
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 09:53
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-05,08-09 Batch: WG1831475-5					
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds			
Total TIC Compounds	2.38	J	ug/kg
Unknown	2.38	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	85		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1830368-3 WG1830368-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	97		91		62-150	6		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
Bromoform	94		98		54-136	4		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	63		57		39-139	10		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1830368-3 WG1830368-4								
Chloroethane	99		94		55-138	5		20
1,1-Dichloroethene	98		93		61-145	5		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	97		98		70-130	1		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	94		98		63-130	4		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	120		130		58-148	8		20
Carbon disulfide	100		95		51-130	5		20
2-Butanone	110		120		63-138	9		20
4-Methyl-2-pentanone	99		110		59-130	11		20
2-Hexanone	100		110		57-130	10		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	100		110		70-130	10		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	120		110		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1830368-3 WG1830368-4								
tert-Butylbenzene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	89		94		70-130	5		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	94		95		70-130	1		20
1,2,4-Trichlorobenzene	92		92		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Methyl Acetate	120		130		70-130	8		20
Cyclohexane	110		110		70-130	0		20
Freon-113	100		95		70-130	5		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		113		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	96		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,08-09 Batch: WG1831475-3 WG1831475-4								
Methylene chloride	85		87		70-130	2		30
1,1-Dichloroethane	90		91		70-130	1		30
Chloroform	86		88		70-130	2		30
Carbon tetrachloride	80		81		70-130	1		30
1,2-Dichloropropane	94		95		70-130	1		30
Dibromochloromethane	93		95		70-130	2		30
1,1,2-Trichloroethane	99		101		70-130	2		30
Tetrachloroethene	92		92		70-130	0		30
Chlorobenzene	94		95		70-130	1		30
Trichlorofluoromethane	77		79		70-139	3		30
1,2-Dichloroethane	92		94		70-130	2		30
1,1,1-Trichloroethane	85		86		70-130	1		30
Bromodichloromethane	90		92		70-130	2		30
trans-1,3-Dichloropropene	110		112		70-130	2		30
cis-1,3-Dichloropropene	86		88		70-130	2		30
Bromoform	85		89		70-130	5		30
1,1,2,2-Tetrachloroethane	98		101		70-130	3		30
Benzene	90		92		70-130	2		30
Toluene	95		96		70-130	1		30
Ethylbenzene	98		98		70-130	0		30
Chloromethane	84		85		52-130	1		30
Bromomethane	79		81		57-147	3		30
Vinyl chloride	84		85		67-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,08-09 Batch: WG1831475-3 WG1831475-4								
Chloroethane	81		82		50-151	1		30
1,1-Dichloroethene	84		85		65-135	1		30
trans-1,2-Dichloroethene	86		87		70-130	1		30
Trichloroethene	86		89		70-130	3		30
1,2-Dichlorobenzene	91		92		70-130	1		30
1,3-Dichlorobenzene	94		95		70-130	1		30
1,4-Dichlorobenzene	92		92		70-130	0		30
Methyl tert butyl ether	102		104		66-130	2		30
p/m-Xylene	97		98		70-130	1		30
o-Xylene	97		98		70-130	1		30
cis-1,2-Dichloroethene	87		89		70-130	2		30
Styrene	97		99		70-130	2		30
Dichlorodifluoromethane	86		88		30-146	2		30
Acetone	79		79		54-140	0		30
Carbon disulfide	83		84		59-130	1		30
2-Butanone	74		75		70-130	1		30
4-Methyl-2-pentanone	95		96		70-130	1		30
2-Hexanone	85		88		70-130	3		30
Bromochloromethane	80		81		70-130	1		30
1,2-Dibromoethane	90		93		70-130	3		30
n-Butylbenzene	103		105		70-130	2		30
sec-Butylbenzene	97		97		70-130	0		30
tert-Butylbenzene	94		96		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-05,08-09 Batch: WG1831475-3 WG1831475-4								
1,2-Dibromo-3-chloropropane	74		78		68-130	5		30
Isopropylbenzene	98		100		70-130	2		30
p-Isopropyltoluene	97		99		70-130	2		30
Naphthalene	88		90		70-130	2		30
n-Propylbenzene	100		102		70-130	2		30
1,2,3-Trichlorobenzene	98		98		70-130	0		30
1,2,4-Trichlorobenzene	103		103		70-130	0		30
1,3,5-Trimethylbenzene	98		100		70-130	2		30
1,2,4-Trimethylbenzene	100		101		70-130	1		30
Methyl Acetate	77		81		51-146	5		30
Cyclohexane	89		90		59-142	1		30
Freon-113	83		84		50-139	1		30
Methyl cyclohexane	85		88		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		93		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	113		113		70-130
Dibromofluoromethane	84		86		70-130

SEMIVOLATILES

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01
Client ID: TRC-SB-03 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 08:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 07:05
Analyst: MG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4100		ug/kg	170	22.	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
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	28000	E	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	2800		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
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	18000	E	ug/kg	130	24.	1
Benzo(a)pyrene	18000	E	ug/kg	170	52.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01 Date Collected: 09/17/23 08:55

Client ID: TRC-SB-03 (1-4) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	22000	E	ug/kg	130	36.	1
Benzo(k)fluoranthene	5900		ug/kg	130	34.	1
Chrysene	19000	E	ug/kg	130	22.	1
Acenaphthylene	620		ug/kg	170	33.	1
Anthracene	6600		ug/kg	130	42.	1
Benzo(ghi)perylene	11000	E	ug/kg	170	25.	1
Fluorene	4600		ug/kg	210	21.	1
Phenanthrene	28000	E	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	2500		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	14000	E	ug/kg	170	30.	1
Pyrene	27000	E	ug/kg	130	21.	1
Biphenyl	450	J	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	3100		ug/kg	210	20.	1
2-Methylnaphthalene	1800		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	48	J	ug/kg	210	27.	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	56	J	ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	85	J	ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	4500		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	75.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01 Date Collected: 09/17/23 08:55

Client ID: TRC-SB-03 (1-4) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1
1,4-Dioxane	ND		ug/kg	32	9.9	1
Tentatively Identified Compounds						
Total TIC Compounds	63900	J	ug/kg			1
Unknown PAH	7340	J	ug/kg			1
Unknown Ketone	342	J	ug/kg			1
Unknown Naphthalene	1220	J	ug/kg			1
Unknown PAH	25100	J	ug/kg			1
Unknown PAH	372	J	ug/kg			1
Unknown PAH	4970	J	ug/kg			1
Unknown Naphthalene	797	J	ug/kg			1
Unknown	470	J	ug/kg			1
Unknown PAH	5970	J	ug/kg			1
Unknown Naphthalene	467	J	ug/kg			1
Unknown Naphthalene	558	J	ug/kg			1
Unknown	526	J	ug/kg			1
Unknown	6690	J	ug/kg			1
Unknown Thiophene	354	J	ug/kg			1
Unknown	865	J	ug/kg			1
Unknown Benzene	501	J	ug/kg			1
Unknown Naphthalene	755	J	ug/kg			1
Unknown PAH	680	J	ug/kg			1
Unknown Ketone	337	J	ug/kg			1
Unknown PAH	5550	J	ug/kg			1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-01	Date Collected:	09/17/23 08:55
Client ID:	TRC-SB-03 (1-4)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		25-120
Phenol-d6	45		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	50		10-136
4-Terphenyl-d14	47		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01 D
Client ID: TRC-SB-03 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 08:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 17:06
Analyst: MG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	46000		ug/kg	1300	250	10
Benzo(a)anthracene	19000		ug/kg	1300	240	10
Benzo(a)pyrene	18000		ug/kg	1700	520	10
Benzo(b)fluoranthene	22000		ug/kg	1300	360	10
Chrysene	21000		ug/kg	1300	220	10
Benzo(ghi)perylene	11000		ug/kg	1700	250	10
Phenanthrene	48000		ug/kg	1300	260	10
Indeno(1,2,3-cd)pyrene	12000		ug/kg	1700	300	10
Pyrene	40000		ug/kg	1300	210	10

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02
Client ID: TRC-SB-03 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 09:05
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 05:18
Analyst: CMM
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	26	J	ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02 Date Collected: 09/18/23 09:05

Client ID: TRC-SB-03 (10-12) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	290	60.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-02	Date Collected:	09/18/23 09:05
Client ID:	TRC-SB-03 (10-12)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	64		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 06:18
Analyst: MG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	73	J	ug/kg	150	19.	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
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	1600		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	33	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	94	J	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
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	640		ug/kg	110	21.	1
Benzo(a)pyrene	680		ug/kg	150	45.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03 Date Collected: 09/17/23 14:10

Client ID: TRC-SB-02 (1-4) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	800		ug/kg	110	31.	1
Benzo(k)fluoranthene	240		ug/kg	110	30.	1
Chrysene	660		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	190		ug/kg	110	36.	1
Benzo(ghi)perylene	430		ug/kg	150	22.	1
Fluorene	73	J	ug/kg	180	18.	1
Phenanthrene	1100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	97	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	510		ug/kg	150	26.	1
Pyrene	1300		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	46	J	ug/kg	180	18.	1
2-Methylnaphthalene	36	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	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
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	130	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03 Date Collected: 09/17/23 14:10

Client ID: TRC-SB-02 (1-4) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1
Tentatively Identified Compounds						
Total TIC Compounds	1430	J	ug/kg			1
Unknown PAH	504	J	ug/kg			1
Unknown PAH	175	J	ug/kg			1
Unknown Ketone	275	J	ug/kg			1
Unknown	261	J	ug/kg			1
Unknown PAH	216	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	52		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04
Client ID: TRC-SB-02 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:30
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 03:11
Analyst: MG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	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
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	37	J	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
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

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04 Date Collected: 09/17/23 14:30

Client ID: TRC-SB-02 (11.5-13.5) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	23.	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	30	J	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	420	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	90.	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
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-04	Date Collected:	09/17/23 14:30
Client ID:	TRC-SB-02 (11.5-13.5)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	54		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05
Client ID: TRC-SB-DUP-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 04:44
Analyst: MG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	22	J	ug/kg	150	20.	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
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	540		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	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
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	240		ug/kg	110	21.	1
Benzo(a)pyrene	240		ug/kg	150	46.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05 Date Collected: 09/17/23 00:00

Client ID: TRC-SB-DUP-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	290		ug/kg	110	32.	1
Benzo(k)fluoranthene	84	J	ug/kg	110	30.	1
Chrysene	260		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	61	J	ug/kg	110	37.	1
Benzo(ghi)perylene	140	J	ug/kg	150	22.	1
Fluorene	26	J	ug/kg	190	18.	1
Phenanthrene	420		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	150	26.	1
Pyrene	440		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	19	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	41	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05 Date Collected: 09/17/23 00:00

Client ID: TRC-SB-DUP-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	179	J	ug/kg			1
Unknown PAH	179	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	53		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06
Client ID: TRC-GW-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 10:55
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/21/23 04:22
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
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
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

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06 Date Collected: 09/18/23 10:55

Client ID: TRC-GW-03 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06 Date Collected: 09/18/23 10:55

Client ID: TRC-GW-03 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	449	J	ug/l			1
Unknown Organic Acid	9.67	J	ug/l			1
Unknown	41.0	J	ug/l			1
Unknown	41.4	J	ug/l			1
Unknown Organic Acid	15.4	J	ug/l			1
Unknown	6.73	J	ug/l			1
Unknown	8.73	J	ug/l			1
Unknown	21.2	J	ug/l			1
Unknown	41.6	J	ug/l			1
Unknown Siloxane	5.85	J	ug/l			1
Unknown Siloxane	12.0	J	ug/l			1
Unknown	7.93	J	ug/l			1
Unknown	15.4	J	ug/l			1
Unknown	23.2	J	ug/l			1
Unknown	27.0	J	ug/l			1
Unknown	59.7	J	ug/l			1
Unknown	13.0	J	ug/l			1
Unknown	23.0	J	ug/l			1
Unknown Alcohol	33.0	J	ug/l			1
Unknown	9.82	J	ug/l			1
Unknown	32.9	J	ug/l			1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-06	Date Collected:	09/18/23 10:55
Client ID:	TRC-GW-03	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	68		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06
Client ID: TRC-GW-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 10:55
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/21/23 12:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	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	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.06	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Bis(2-Ethylhexyl)phthalate	2.0		ug/l	1.0	0.51	1
Hexachloroethane	ND		ug/l	0.80	0.06	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-06	Date Collected:	09/18/23 10:55
Client ID:	TRC-GW-03	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	**125**	Q	10-120
4-Terphenyl-d14	79		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06
Client ID: TRC-GW-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 10:55
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/25/23 14:17
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 09/24/23 14:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06
Client ID: TRC-GW-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 10:55
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 09/27/23 13:50
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 09/20/23 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.90		ng/l	6.25	1.00	1
Perfluoropentanoic Acid (PFPeA)	6.78		ng/l	3.12	0.836	1
Perfluorobutanesulfonic Acid (PFBS)	3.56		ng/l	1.56	0.523	1
Perfluorohexanoic Acid (PFHxA)	5.47		ng/l	1.56	0.461	1
Perfluoroheptanoic Acid (PFHpA)	3.76		ng/l	1.56	0.312	1
Perfluorohexanesulfonic Acid (PFHxS)	2.08		ng/l	1.56	0.375	1
Perfluorooctanoic Acid (PFOA)	26.4		ng/l	1.56	0.680	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.25	2.11	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.56	0.422	1
Perfluorononanoic Acid (PFNA)	1.78		ng/l	1.56	0.492	1
Perfluorooctanesulfonic Acid (PFOS)	11.6		ng/l	1.56	0.711	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.56	0.633	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.25	2.43	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.56	0.852	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.56	0.680	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.56	0.359	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.56	0.422	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.56	0.844	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.56	0.719	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.56	0.586	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.56	0.414	1
PFOA/PFOS, Total	38.0		ng/l	1.56	0.680	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06 Date Collected: 09/18/23 10:55

Client ID: TRC-GW-03 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

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)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**213**	Q	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)	87		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)	**220**	Q	20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70		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)	**206**	Q	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)	93		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	84		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	52		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	60		20-150

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07
Client ID: TRC-DUP-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/21/23 03:59
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
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
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

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07 Date Collected: 09/17/23 00:00

Client ID: TRC-DUP-GW-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07 Date Collected: 09/17/23 00:00

Client ID: TRC-DUP-GW-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	137	J	ug/l			1
Unknown Organic Acid	6.36	J	ug/l			1
Unknown Organic Acid	15.7	J	ug/l			1
Unknown	7.78	J	ug/l			1
Unknown Alcohol	5.53	J	ug/l			1
Unknown	2.40	J	ug/l			1
Unknown	5.34	J	ug/l			1
Unknown	8.22	J	ug/l			1
Unknown	11.6	J	ug/l			1
Unknown	2.65	J	ug/l			1
Unknown	2.58	J	ug/l			1
Unknown	3.89	J	ug/l			1
Unknown	9.67	J	ug/l			1
Unknown	3.78	J	ug/l			1
Unknown	2.73	J	ug/l			1
Unknown Organic Acid	8.87	J	ug/l			1
Unknown	2.33	J	ug/l			1
Unknown	6.80	J	ug/l			1
Unknown	12.5	J	ug/l			1
Unknown	7.45	J	ug/l			1
Unknown	10.6	J	ug/l			1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-07	Date Collected:	09/17/23 00:00
Client ID:	TRC-DUP-GW-01	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	76		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07
Client ID: TRC-DUP-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/21/23 13:02
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.02	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	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	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.06	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.02	J	ug/l	0.10	0.02	1
Pentachlorophenol	0.06	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Bis(2-Ethylhexyl)phthalate	0.70	J	ug/l	1.0	0.51	1
Hexachloroethane	ND		ug/l	0.80	0.06	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07 Date Collected: 09/17/23 00:00

Client ID: TRC-DUP-GW-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	**136**	Q	10-120
4-Terphenyl-d14	91		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07
Client ID: TRC-DUP-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/25/23 14:43
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 09/24/23 14:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07
Client ID: TRC-DUP-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 09/27/23 14:02
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 09/20/23 07:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.25		ng/l	6.16	0.986	1
Perfluoropentanoic Acid (PFPeA)	7.08		ng/l	3.08	0.825	1
Perfluorobutanesulfonic Acid (PFBS)	3.72		ng/l	1.54	0.516	1
Perfluorohexanoic Acid (PFHxA)	6.57		ng/l	1.54	0.455	1
Perfluoroheptanoic Acid (PFHpA)	4.17		ng/l	1.54	0.308	1
Perfluorohexanesulfonic Acid (PFHxS)	2.47		ng/l	1.54	0.370	1
Perfluorooctanoic Acid (PFOA)	30.6		ng/l	1.54	0.670	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.16	2.08	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.54	0.416	1
Perfluorononanoic Acid (PFNA)	1.88		ng/l	1.54	0.486	1
Perfluorooctanesulfonic Acid (PFOS)	11.3		ng/l	1.54	0.701	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.54	0.624	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.16	2.40	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.54	0.840	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.54	0.670	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.54	0.354	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.54	0.416	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.54	0.832	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.54	0.709	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.54	0.578	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.54	0.408	1
PFOA/PFOS, Total	41.9		ng/l	1.54	0.670	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07 Date Collected: 09/17/23 00:00

Client ID: TRC-DUP-GW-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

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)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**194**	Q	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)	86		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	68		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)	**182**	Q	20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87		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)	90		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**154**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	93		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)	87		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	102		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	99		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	90		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	81		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	87		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77		20-150

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-08
Client ID: TRC-SB-102 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 12:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 06:30
Analyst: CMM
Percent Solids: 76%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	23.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	410		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	240	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	27.	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	76.	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
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	170		ug/kg	130	25.	1
Benzo(a)pyrene	170		ug/kg	170	53.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-08 Date Collected: 09/17/23 12:00

Client ID: TRC-SB-102 (8-10) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	210		ug/kg	130	37.	1
Benzo(k)fluoranthene	55	J	ug/kg	130	35.	1
Chrysene	170		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	46	J	ug/kg	130	43.	1
Benzo(ghi)perylene	92	J	ug/kg	170	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	250		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	170	30.	1
Pyrene	350		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	21.	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	310	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	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
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	21	J	ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	59.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-08 Date Collected: 09/17/23 12:00

Client ID: TRC-SB-102 (8-10) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	57		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-09
Client ID: TRC-SB-103 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 12:45
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/20/23 09:42
Analyst: CMM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 15:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	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
3,3'-Dichlorobenzidine	ND		ug/kg	200	55.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	500		ug/kg	120	24.	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	250	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	27.	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	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	70.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	230		ug/kg	120	23.	1
Benzo(a)pyrene	210		ug/kg	160	50.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-09 Date Collected: 09/17/23 12:45

Client ID: TRC-SB-103 (8-10) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	260		ug/kg	120	34.	1
Benzo(k)fluoranthene	87	J	ug/kg	120	33.	1
Chrysene	270		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	32.	1
Anthracene	54	J	ug/kg	120	40.	1
Benzo(ghi)perylene	120	J	ug/kg	160	24.	1
Fluorene	23	J	ug/kg	200	20.	1
Phenanthrene	360		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	31	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	160	29.	1
Pyrene	460		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	40.	1
3-Nitroaniline	ND		ug/kg	200	39.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	19	J	ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	250	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	31.	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	68.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	84.	1
2,4-Dinitrophenol	ND		ug/kg	980	96.	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	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	33	J	ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2354519-09	Date Collected:	09/17/23 12:45
Client ID:	TRC-SB-103 (8-10)	Date Received:	09/18/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1
Tentatively Identified Compounds						
Total TIC Compounds	269	J	ug/kg			1
Unknown	269	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	99		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	83		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 13:58
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 09/19/23 00:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08-09 Batch: WG1828960-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 13:58
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 09/19/23 00:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08-09 Batch: WG1828960-1					
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	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 13:58
Analyst: MG

Extraction Method: EPA 3546
Extraction Date: 09/19/23 00:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,08-09 Batch: WG1828960-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	67		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 20:57
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1829100-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
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	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
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.
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.

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 20:57
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1829100-1					
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	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/19/23 20:57
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/19/23 07:56

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1829100-1					
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.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	80		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 14:16
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1829473-1					
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
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
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
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
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
Dimethyl phthalate	ND		ug/l	5.0	1.8
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
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

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 14:16
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1829473-1					
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
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
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
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	137	J	ug/l
Unknown	6.80	J	ug/l
Unknown	7.67	J	ug/l
Unknown	6.18	J	ug/l
Unknown	7.24	J	ug/l
Unknown Siloxane	7.67	J	ug/l
Unknown	10.8	J	ug/l
Unknown	5.71	J	ug/l
Unknown	9.34	J	ug/l

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 14:16
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07 Batch: WG1829473-1					
Tentatively Identified Compounds					
Unknown	5.13	J	ug/l		
Unknown	12.2	J	ug/l		
Unknown	7.34	J	ug/l		
Unknown	12.6	J	ug/l		
Unknown	22.5	J	ug/l		
Unknown	7.38	J	ug/l		
Unknown	8.11	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	81		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/21/23 08:38
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06-07 Batch: WG1829474-1					
Acenaphthene	0.02	J	ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.03	J	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	0.02	J	ug/l	0.10	0.02
Benzo(a)pyrene	0.02	J	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	0.02	J	ug/l	0.10	0.01
Acenaphthylene	0.02	J	ug/l	0.10	0.01
Anthracene	0.02	J	ug/l	0.10	0.01
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01
Fluorene	0.02	J	ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01
Pyrene	0.03	J	ug/l	0.10	0.02
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02
Pentachlorophenol	0.09	J	ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Bis(2-Ethylhexyl)phthalate	1.0		ug/l	1.0	0.51
Hexachloroethane	ND		ug/l	0.80	0.06
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/21/23 08:38
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 06-07 Batch: WG1829474-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	113		10-120
4-Terphenyl-d14	85		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 09/27/23 07:34
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 09/20/23 07:25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06-07 Batch: WG1829538-1					
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: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 09/27/23 07:34
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 09/20/23 07:25

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06-07 Batch: WG1829538-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	101		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**201**	Q	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)	70		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	67		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**178**	Q	20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		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)	98		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**158**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	114		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)	85		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	107		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	61		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		20-150

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/25/23 10:53
Analyst: TPR

Extraction Method: EPA 3510C
Extraction Date: 09/24/23 14:08

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 06-07 Batch: WG1831305-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08-09 Batch: WG1828960-2 WG1828960-3								
Acenaphthene	61		75		31-137	21		50
Hexachlorobenzene	64		78		40-140	20		50
Bis(2-chloroethyl)ether	58		69		40-140	17		50
2-Chloronaphthalene	62		73		40-140	16		50
3,3'-Dichlorobenzidine	58		72		40-140	22		50
2,4-Dinitrotoluene	45		61		40-132	30		50
2,6-Dinitrotoluene	50		62		40-140	21		50
Fluoranthene	60		73		40-140	20		50
4-Chlorophenyl phenyl ether	60		76		40-140	24		50
4-Bromophenyl phenyl ether	61		76		40-140	22		50
Bis(2-chloroisopropyl)ether	60		73		40-140	20		50
Bis(2-chloroethoxy)methane	59		71		40-117	18		50
Hexachlorobutadiene	52		65		40-140	22		50
Hexachlorocyclopentadiene	**20**	Q	**26**	Q	40-140	26		50
Hexachloroethane	49		58		40-140	17		50
Isophorone	57		68		40-140	18		50
Naphthalene	62		75		40-140	19		50
Nitrobenzene	56		69		40-140	21		50
NDPA/DPA	62		78		36-157	23		50
n-Nitrosodi-n-propylamine	56		68		32-121	19		50
Bis(2-ethylhexyl)phthalate	77		94		40-140	20		50
Butyl benzyl phthalate	61		75		40-140	21		50
Di-n-butylphthalate	64		80		40-140	22		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08-09 Batch: WG1828960-2 WG1828960-3								
Di-n-octylphthalate	72		90		40-140	22		50
Diethyl phthalate	60		76		40-140	24		50
Dimethyl phthalate	58		69		40-140	17		50
Benzo(a)anthracene	63		78		40-140	21		50
Benzo(a)pyrene	62		78		40-140	23		50
Benzo(b)fluoranthene	60		75		40-140	22		50
Benzo(k)fluoranthene	59		73		40-140	21		50
Chrysene	66		82		40-140	22		50
Acenaphthylene	64		76		40-140	17		50
Anthracene	66		79		40-140	18		50
Benzo(ghi)perylene	58		72		40-140	22		50
Fluorene	64		80		40-140	22		50
Phenanthrene	63		77		40-140	20		50
Dibenzo(a,h)anthracene	58		73		40-140	23		50
Indeno(1,2,3-cd)pyrene	56		70		40-140	22		50
Pyrene	60		74		35-142	21		50
Biphenyl	66		78		37-127	17		50
4-Chloroaniline	52		60		40-140	14		50
2-Nitroaniline	64		78		47-134	20		50
3-Nitroaniline	68		84		26-129	21		50
4-Nitroaniline	76		97		41-125	24		50
Dibenzofuran	64		79		40-140	21		50
2-Methylnaphthalene	63		78		40-140	21		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08-09 Batch: WG1828960-2 WG1828960-3								
1,2,4,5-Tetrachlorobenzene	61		73		40-117	18		50
Acetophenone	69		83		14-144	18		50
2,4,6-Trichlorophenol	70		83		30-130	17		50
p-Chloro-m-cresol	66		79		26-103	18		50
2-Chlorophenol	68		82		25-102	19		50
2,4-Dichlorophenol	72		86		30-130	18		50
2,4-Dimethylphenol	66		78		30-130	17		50
2-Nitrophenol	32		44		30-130	32		50
4-Nitrophenol	39		53		11-114	30		50
2,4-Dinitrophenol	10		13		4-130	28		50
4,6-Dinitro-o-cresol	**2**	Q	**8**	Q	10-130	**105**	Q	50
Pentachlorophenol	57		66		17-109	15		50
Phenol	66		79		26-90	18		50
2-Methylphenol	68		83		30-130.	20		50
3-Methylphenol/4-Methylphenol	68		82		30-130	19		50
2,4,5-Trichlorophenol	68		81		30-130	17		50
Carbazole	65		80		54-128	21		50
Atrazine	58		72		40-140	22		50
Benzaldehyde	87		104		40-140	18		50
Caprolactam	78		92		15-130	16		50
2,3,4,6-Tetrachlorophenol	66		79		40-140	18		50
1,4-Dioxane	42		49		40-140	15		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

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Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,08-09 Batch: WG1828960-2 WG1828960-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		86		25-120
Phenol-d6	69		83		10-120
Nitrobenzene-d5	57		67		23-120
2-Fluorobiphenyl	58		70		30-120
2,4,6-Tribromophenol	66		85		10-136
4-Terphenyl-d14	60		73		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
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Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1829100-2 WG1829100-3								
Acenaphthene	77		69		31-137	11		50
Hexachlorobenzene	70		62		40-140	12		50
Bis(2-chloroethyl)ether	69		65		40-140	6		50
2-Chloronaphthalene	75		66		40-140	13		50
3,3'-Dichlorobenzidine	59		57		40-140	3		50
2,4-Dinitrotoluene	93		82		40-132	13		50
2,6-Dinitrotoluene	84		72		40-140	15		50
Fluoranthene	78		70		40-140	11		50
4-Chlorophenyl phenyl ether	76		68		40-140	11		50
4-Bromophenyl phenyl ether	74		63		40-140	16		50
Bis(2-chloroisopropyl)ether	57		53		40-140	7		50
Bis(2-chloroethoxy)methane	79		71		40-117	11		50
Hexachlorobutadiene	67		62		40-140	8		50
Hexachlorocyclopentadiene	77		69		40-140	11		50
Hexachloroethane	70		65		40-140	7		50
Isophorone	82		74		40-140	10		50
Naphthalene	71		65		40-140	9		50
Nitrobenzene	79		72		40-140	9		50
NDPA/DPA	81		72		36-157	12		50
n-Nitrosodi-n-propylamine	79		74		32-121	7		50
Bis(2-ethylhexyl)phthalate	85		78		40-140	9		50
Butyl benzyl phthalate	84		76		40-140	10		50
Di-n-butylphthalate	95		83		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1829100-2 WG1829100-3								
Di-n-octylphthalate	85		78		40-140	9		50
Diethyl phthalate	87		76		40-140	13		50
Dimethyl phthalate	78		70		40-140	11		50
Benzo(a)anthracene	78		72		40-140	8		50
Benzo(a)pyrene	84		77		40-140	9		50
Benzo(b)fluoranthene	76		71		40-140	7		50
Benzo(k)fluoranthene	75		69		40-140	8		50
Chrysene	75		69		40-140	8		50
Acenaphthylene	85		75		40-140	13		50
Anthracene	78		71		40-140	9		50
Benzo(ghi)perylene	80		73		40-140	9		50
Fluorene	81		72		40-140	12		50
Phenanthrene	75		68		40-140	10		50
Dibenzo(a,h)anthracene	79		72		40-140	9		50
Indeno(1,2,3-cd)pyrene	87		79		40-140	10		50
Pyrene	76		69		35-142	10		50
Biphenyl	77		69		37-127	11		50
4-Chloroaniline	74		68		40-140	8		50
2-Nitroaniline	88		76		47-134	15		50
3-Nitroaniline	78		70		26-129	11		50
4-Nitroaniline	83		75		41-125	10		50
Dibenzofuran	77		70		40-140	10		50
2-Methylnaphthalene	75		68		40-140	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1829100-2 WG1829100-3								
1,2,4,5-Tetrachlorobenzene	73		66		40-117	10		50
Acetophenone	76		70		14-144	8		50
2,4,6-Trichlorophenol	85		77		30-130	10		50
p-Chloro-m-cresol	85		76		26-103	11		50
2-Chlorophenol	77		71		25-102	8		50
2,4-Dichlorophenol	81		75		30-130	8		50
2,4-Dimethylphenol	83		75		30-130	10		50
2-Nitrophenol	94		85		30-130	10		50
4-Nitrophenol	96		86		11-114	11		50
2,4-Dinitrophenol	82		71		4-130	14		50
4,6-Dinitro-o-cresol	101		89		10-130	13		50
Pentachlorophenol	76		68		17-109	11		50
Phenol	76		71		26-90	7		50
2-Methylphenol	79		72		30-130.	9		50
3-Methylphenol/4-Methylphenol	80		75		30-130	6		50
2,4,5-Trichlorophenol	83		72		30-130	14		50
Carbazole	81		73		54-128	10		50
Atrazine	99		86		40-140	14		50
Benzaldehyde	84		77		40-140	9		50
Caprolactam	84		74		15-130	13		50
2,3,4,6-Tetrachlorophenol	84		74		40-140	13		50
1,4-Dioxane	58		52		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1829100-2 WG1829100-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		72		25-120
Phenol-d6	78		70		10-120
Nitrobenzene-d5	85		76		23-120
2-Fluorobiphenyl	75		66		30-120
2,4,6-Tribromophenol	74		65		10-136
4-Terphenyl-d14	71		63		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1829473-2 WG1829473-3								
3,3'-Dichlorobenzidine	62		60		40-140	3		30
2,4-Dinitrotoluene	83		82		48-143	1		30
2,6-Dinitrotoluene	85		79		40-140	7		30
4-Chlorophenyl phenyl ether	72		67		40-140	7		30
4-Bromophenyl phenyl ether	64		60		40-140	6		30
Bis(2-chloroisopropyl)ether	54		52		40-140	4		30
Bis(2-chloroethoxy)methane	64		64		40-140	0		30
Hexachlorocyclopentadiene	72		64		40-140	12		30
Isophorone	62		61		40-140	2		30
Nitrobenzene	63		63		40-140	0		30
NDPA/DPA	73		70		40-140	4		30
n-Nitrosodi-n-propylamine	60		61		29-132	2		30
Butyl benzyl phthalate	76		74		40-140	3		30
Di-n-butylphthalate	80		73		40-140	9		30
Di-n-octylphthalate	72		77		40-140	7		30
Diethyl phthalate	72		70		40-140	3		30
Dimethyl phthalate	78		75		40-140	4		30
Biphenyl	63		60		40-140	5		30
4-Chloroaniline	43		53		40-140	21		30
2-Nitroaniline	84		85		52-143	1		30
3-Nitroaniline	74		72		25-145	3		30
4-Nitroaniline	80		71		51-143	12		30
Dibenzofuran	70		69		40-140	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1829473-2 WG1829473-3								
1,2,4,5-Tetrachlorobenzene	61		58		2-134	5		30
Acetophenone	51		52		39-129	2		30
2,4,6-Trichlorophenol	82		79		30-130	4		30
p-Chloro-m-cresol	77		73		23-97	5		30
2-Chlorophenol	65		64		27-123	2		30
2,4-Dichlorophenol	74		74		30-130	0		30
2,4-Dimethylphenol	67		56		30-130	18		30
2-Nitrophenol	85		84		30-130	1		30
4-Nitrophenol	63		63		10-80	0		30
2,4-Dinitrophenol	89		88		20-130	1		30
4,6-Dinitro-o-cresol	101		99		20-164	2		30
Phenol	52		48		12-110	8		30
2-Methylphenol	64		62		30-130	3		30
3-Methylphenol/4-Methylphenol	64		60		30-130	6		30
2,4,5-Trichlorophenol	82		80		30-130	2		30
Carbazole	72		70		55-144	3		30
Atrazine	75		67		40-140	11		30
Benzaldehyde	72		70		40-140	3		30
Caprolactam	25		27		10-130	8		30
2,3,4,6-Tetrachlorophenol	77		77		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07 Batch: WG1829473-2 WG1829473-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		47		21-120
Phenol-d6	50		41		10-120
Nitrobenzene-d5	67		59		23-120
2-Fluorobiphenyl	70		61		15-120
2,4,6-Tribromophenol	67		51		10-120
4-Terphenyl-d14	76		63		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06-07 Batch: WG1829474-2 WG1829474-3								
Acenaphthene	79		87		40-140	10		40
2-Chloronaphthalene	82		91		40-140	10		40
Fluoranthene	94		104		40-140	10		40
Hexachlorobutadiene	80		88		40-140	10		40
Naphthalene	75		82		40-140	9		40
Benzo(a)anthracene	96		106		40-140	10		40
Benzo(a)pyrene	104		113		40-140	8		40
Benzo(b)fluoranthene	99		109		40-140	10		40
Benzo(k)fluoranthene	103		111		40-140	7		40
Chrysene	90		98		40-140	9		40
Acenaphthylene	93		100		40-140	7		40
Anthracene	90		97		40-140	7		40
Benzo(ghi)perylene	97		105		40-140	8		40
Fluorene	85		96		40-140	12		40
Phenanthrene	82		88		40-140	7		40
Dibenzo(a,h)anthracene	94		102		40-140	8		40
Indeno(1,2,3-cd)pyrene	96		104		40-140	8		40
Pyrene	92		101		40-140	9		40
2-Methylnaphthalene	82		91		40-140	10		40
Pentachlorophenol	**37**	Q	68		40-140	**59**	Q	40
Hexachlorobenzene	82		89		40-140	8		40
Bis(2-Ethylhexyl)phthalate	102		113		40-140	10		40
Hexachloroethane	77		88		40-140	13		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 06-07 Batch: WG1829474-2 WG1829474-3								
Bis(2-chloroethyl)ether	77		84		40-140	9		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		76		21-120
Phenol-d6	76		67		10-120
Nitrobenzene-d5	100		98		23-120
2-Fluorobiphenyl	82		79		15-120
2,4,6-Tribromophenol	**132**	Q	**127**	Q	10-120
4-Terphenyl-d14	84		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1829538-2 LOW LEVEL

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorobutanoic Acid (PFBA)	104		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	98		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	122		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	110		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	90		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	106		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	136		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	**178**	Q	-		40-150	-		30
Perfluorononanoic Acid (PFNA)	129		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	128		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	116		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	84		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	88		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	106		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	119		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	102		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	97		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	107		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	71		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1829538-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	110				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	62				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**168**	Q			20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	96				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)	64				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)	128				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	86				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	54				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)	124				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)	86				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	52				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	69				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	85				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	105				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	33				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	40				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	48				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1829538-3								
Perfluorobutanoic Acid (PFBA)	104		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	95		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	105		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	115		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	106		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	78		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	104		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	110		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	86		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	107		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	96		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	115		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	94		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	81		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	80		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	99		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	106		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	105		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	105		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	115		-		40-150	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06-07 Batch: WG1829538-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	74				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**161**	Q			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)	78				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	**162**	Q			20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	68				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	88				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)	**154**	Q			20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	112				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)	76				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	106				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	71				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	75				20-150

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 06-07 Batch: WG1831305-2 WG1831305-3								
1,4-Dioxane	114		115		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	52		51		15-110

PETROLEUM HYDROCARBONS

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/20/23 12:36
Analyst: SC
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 02:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	76000		ug/kg	37000	2000	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		40-140

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/23/23 12:00
Analyst: BAD
Percent Solids: 88%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1600	J	ug/kg	4400	86.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		70-130
4-Bromofluorobenzene	98		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/20/23 08:32
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/20/23 02:34

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 03 Batch: WG1829501-1					
DRO (C10-C28)	3600	J	ug/kg	32000	1800

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/23/23 11:20
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 03 Batch: WG1831531-4					
Gasoline Range Organics	730	J	ug/kg	2500	48.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	105		70-130
4-Bromofluorobenzene	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 03 Batch: WG1829501-2								
DRO (C10-C28)	72		-		60-140	-		

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	66				40-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03 Batch: WG1831531-2 WG1831531-3								
Gasoline Range Organics	86		88		80-120	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		105		70-130
4-Bromofluorobenzene	98		98		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

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): 03 QC Batch ID: WG1831531-6 QC Sample: L2354519-03 Client ID: TRC-SB-02 (1-4)												
Gasoline Range Organics	1600J	35600	36000	102		-	-		80-120	-		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	106				70-130
4-Bromofluorobenzene	106				70-130

Lab Duplicate Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1829501-3 QC Sample: L2354519-03 Client ID: TRC-SB-02 (1-4)						
DRO (C10-C28)	76000	78000	ug/kg	3		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	64		68		40-140

Lab Duplicate Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 03 (1-4) QC Batch ID: WG1831531-5 QC Sample: L2354519-03 Client ID: TRC-SB-02						
Gasoline Range Organics	1600J	1600J	ug/kg	NC		20

Surrogate	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	102		110		70-130
4-Bromofluorobenzene	98		103		70-130

PCBS

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01
Client ID: TRC-SB-03 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 08:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 03:51
Analyst: RMP
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.4	5.46	1	A
Aroclor 1221	ND		ug/kg	61.4	6.16	1	A
Aroclor 1232	ND		ug/kg	61.4	13.0	1	A
Aroclor 1242	ND		ug/kg	61.4	8.28	1	A
Aroclor 1248	ND		ug/kg	61.4	9.22	1	A
Aroclor 1254	ND		ug/kg	61.4	6.72	1	A
Aroclor 1260	219		ug/kg	61.4	11.4	1	A
Aroclor 1262	ND		ug/kg	61.4	7.80	1	A
Aroclor 1268	128		ug/kg	61.4	6.36	1	A
PCBs, Total	347		ug/kg	61.4	5.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02
Client ID: TRC-SB-03 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 09:05
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 08:00
Analyst: ENT
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:24
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.4	5.45	1	A
Aroclor 1221	ND		ug/kg	61.4	6.15	1	A
Aroclor 1232	ND		ug/kg	61.4	13.0	1	A
Aroclor 1242	ND		ug/kg	61.4	8.28	1	A
Aroclor 1248	ND		ug/kg	61.4	9.21	1	A
Aroclor 1254	ND		ug/kg	61.4	6.72	1	A
Aroclor 1260	ND		ug/kg	61.4	11.3	1	A
Aroclor 1262	ND		ug/kg	61.4	7.80	1	A
Aroclor 1268	ND		ug/kg	61.4	6.36	1	A
PCBs, Total	ND		ug/kg	61.4	5.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 06:19
Analyst: ENT
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.2	4.90	1	A
Aroclor 1221	ND		ug/kg	55.2	5.54	1	A
Aroclor 1232	ND		ug/kg	55.2	11.7	1	A
Aroclor 1242	ND		ug/kg	55.2	7.45	1	A
Aroclor 1248	ND		ug/kg	55.2	8.29	1	A
Aroclor 1254	ND		ug/kg	55.2	6.04	1	A
Aroclor 1260	ND		ug/kg	55.2	10.2	1	A
Aroclor 1262	ND		ug/kg	55.2	7.02	1	A
Aroclor 1268	ND		ug/kg	55.2	5.72	1	A
PCBs, Total	ND		ug/kg	55.2	4.90	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	42		30-150	A
2,4,5,6-Tetrachloro-m-xylene	38		30-150	B
Decachlorobiphenyl	37		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04
Client ID: TRC-SB-02 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:30
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 03:59
Analyst: RMP
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.55	1	A
Aroclor 1248	ND		ug/kg	56.0	8.40	1	A
Aroclor 1254	ND		ug/kg	56.0	6.12	1	A
Aroclor 1260	ND		ug/kg	56.0	10.3	1	A
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	ND		ug/kg	56.0	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05
Client ID: TRC-SB-DUP-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/20/23 04:07
Analyst: RMP
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

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	11.3	1	A
Aroclor 1242	ND		ug/kg	53.1	7.16	1	A
Aroclor 1248	ND		ug/kg	53.1	7.97	1	A
Aroclor 1254	ND		ug/kg	53.1	5.81	1	A
Aroclor 1260	ND		ug/kg	53.1	9.82	1	A
Aroclor 1262	ND		ug/kg	53.1	6.75	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	66		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06
Client ID: TRC-GW-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 10:55
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/22/23 20:15
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 09/21/23 23:31
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

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	73		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07
Client ID: TRC-DUP-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/22/23 20:05
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 09/21/23 23:31
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

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	32		30-150	A
Decachlorobiphenyl	38		30-150	A
2,4,5,6-Tetrachloro-m-xylene	34		30-150	B
Decachlorobiphenyl	41		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/20/23 01:14
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 09/19/23 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,04-05 Batch: WG1829156-1						
Aroclor 1016	ND		ug/kg	46.2	4.10	A
Aroclor 1221	ND		ug/kg	46.2	4.63	A
Aroclor 1232	ND		ug/kg	46.2	9.80	A
Aroclor 1242	ND		ug/kg	46.2	6.23	A
Aroclor 1248	ND		ug/kg	46.2	6.93	A
Aroclor 1254	ND		ug/kg	46.2	5.06	A
Aroclor 1260	ND		ug/kg	46.2	8.54	A
Aroclor 1262	ND		ug/kg	46.2	5.87	A
Aroclor 1268	ND		ug/kg	46.2	4.79	A
PCBs, Total	ND		ug/kg	46.2	4.10	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/21/23 05:49
Analyst: ENT

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1829852-1						
Aroclor 1016	ND		ug/kg	49.9	4.43	A
Aroclor 1221	ND		ug/kg	49.9	5.00	A
Aroclor 1232	ND		ug/kg	49.9	10.6	A
Aroclor 1242	ND		ug/kg	49.9	6.73	A
Aroclor 1248	ND		ug/kg	49.9	7.48	A
Aroclor 1254	ND		ug/kg	49.9	5.46	A
Aroclor 1260	ND		ug/kg	49.9	9.22	A
Aroclor 1262	ND		ug/kg	49.9	6.34	A
Aroclor 1268	ND		ug/kg	49.9	5.17	A
PCBs, Total	ND		ug/kg	49.9	4.43	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/21/23 07:35
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 09/19/23 22:06
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1829853-1						
Aroclor 1016	ND		ug/kg	45.8	4.06	A
Aroclor 1221	ND		ug/kg	45.8	4.59	A
Aroclor 1232	ND		ug/kg	45.8	9.71	A
Aroclor 1242	ND		ug/kg	45.8	6.17	A
Aroclor 1248	ND		ug/kg	45.8	6.87	A
Aroclor 1254	ND		ug/kg	45.8	5.01	A
Aroclor 1260	ND		ug/kg	45.8	8.46	A
Aroclor 1262	ND		ug/kg	45.8	5.82	A
Aroclor 1268	ND		ug/kg	45.8	4.74	A
PCBs, Total	ND		ug/kg	45.8	4.06	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**20**	Q	30-150	A
Decachlorobiphenyl	**19**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**20**	Q	30-150	B
Decachlorobiphenyl	**17**	Q	30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/21/23 16:09
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 09/21/23 03:50
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06-07 Batch: WG1830048-1						
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	72		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,04-05 Batch: WG1829156-2 WG1829156-3									
Aroclor 1016	75		70		40-140	7		50	A
Aroclor 1260	73		68		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	A
Decachlorobiphenyl	72		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		71		30-150	B
Decachlorobiphenyl	75		71		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1829852-2 WG1829852-3									
Aroclor 1016	73		72		40-140	1		50	A
Aroclor 1260	71		71		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		75		30-150	A
Decachlorobiphenyl	79		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		77		30-150	B
Decachlorobiphenyl	73		73		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1829853-2 WG1829853-3									
Aroclor 1016	74		70		40-140	6		50	A
Aroclor 1260	65		61		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		64		30-150	A
Decachlorobiphenyl	66		55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		63		30-150	B
Decachlorobiphenyl	66		56		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06-07 Batch: WG1830048-2 WG1830048-3									
Aroclor 1016	65		69		40-140	7		50	A
Aroclor 1260	58		64		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		80		30-150	A
Decachlorobiphenyl	77		77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		78		30-150	B
Decachlorobiphenyl	79		88		30-150	B

PESTICIDES

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01
Client ID: TRC-SB-03 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 08:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 13:55
Analyst: JAG
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.03	0.398	1	A
Lindane	ND		ug/kg	0.848	0.379	1	A
Alpha-BHC	ND		ug/kg	0.848	0.241	1	A
Beta-BHC	ND		ug/kg	2.03	0.771	1	A
Heptachlor	ND		ug/kg	1.02	0.456	1	A
Aldrin	ND		ug/kg	2.03	0.716	1	A
Heptachlor epoxide	1.68	J	ug/kg	3.81	1.14	1	A
Endrin	ND		ug/kg	0.848	0.348	1	A
Endrin aldehyde	ND		ug/kg	2.54	0.890	1	A
Endrin ketone	ND		ug/kg	2.03	0.524	1	A
Dieldrin	ND		ug/kg	1.27	0.636	1	A
4,4'-DDE	ND		ug/kg	2.03	0.470	1	A
4,4'-DDD	ND		ug/kg	2.03	0.726	1	A
4,4'-DDT	ND		ug/kg	2.03	1.64	1	A
Endosulfan I	ND		ug/kg	2.03	0.481	1	A
Endosulfan II	ND		ug/kg	2.03	0.680	1	A
Endosulfan sulfate	ND		ug/kg	0.848	0.404	1	A
Methoxychlor	ND		ug/kg	3.81	1.19	1	A
Toxaphene	ND		ug/kg	38.1	10.7	1	A
cis-Chlordane	ND		ug/kg	2.54	0.709	1	A
trans-Chlordane	ND		ug/kg	2.54	0.671	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01
Client ID: TRC-SB-03 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 08:55
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 13:29
Analyst: EJL
Percent Solids: 77%
Methylation Date: 09/23/23 22:09

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	211	5.62	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	77		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02
Client ID: TRC-SB-03 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 09:05
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/21/23 16:56
Analyst: ER
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:36
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.05	0.402	1	A
Lindane	ND		ug/kg	0.856	0.383	1	A
Alpha-BHC	ND		ug/kg	0.856	0.243	1	A
Beta-BHC	ND		ug/kg	2.05	0.779	1	A
Heptachlor	ND		ug/kg	1.03	0.460	1	A
Aldrin	ND		ug/kg	2.05	0.723	1	A
Heptachlor epoxide	ND		ug/kg	3.85	1.16	1	A
Endrin	ND		ug/kg	0.856	0.351	1	A
Endrin aldehyde	ND		ug/kg	2.57	0.899	1	A
Endrin ketone	ND		ug/kg	2.05	0.529	1	A
Dieldrin	ND		ug/kg	1.28	0.642	1	A
4,4'-DDE	ND		ug/kg	2.05	0.475	1	A
4,4'-DDD	ND		ug/kg	2.05	0.733	1	A
4,4'-DDT	ND		ug/kg	2.05	1.65	1	A
Endosulfan I	ND		ug/kg	2.05	0.485	1	A
Endosulfan II	ND		ug/kg	2.05	0.686	1	A
Endosulfan sulfate	ND		ug/kg	0.856	0.407	1	A
Methoxychlor	ND		ug/kg	3.85	1.20	1	A
Toxaphene	ND		ug/kg	38.5	10.8	1	A
cis-Chlordane	ND		ug/kg	2.57	0.716	1	A
trans-Chlordane	ND		ug/kg	2.57	0.678	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02
Client ID: TRC-SB-03 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 09:05
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 13:47
Analyst: EJL
Percent Solids: 75%
Methylation Date: 09/23/23 22:09

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	218	5.81	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	91		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 14:06
Analyst: JAG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.745	0.333	1	A
Alpha-BHC	ND		ug/kg	0.745	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.678	1	A
Heptachlor	ND		ug/kg	0.894	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.745	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.782	1	A
Endrin ketone	ND		ug/kg	1.79	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	5.83		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	10.5		ug/kg	1.79	1.44	1	B
Endosulfan I	ND		ug/kg	1.79	0.422	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.745	0.355	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.39	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	1.24	JIP	ug/kg	2.24	0.590	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 14:06
Analyst: EJL
Percent Solids: 88%
Methylation Date: 09/23/23 22:09

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	187	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	84		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04
Client ID: TRC-SB-02 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:30
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 17:17
Analyst: JAG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/20/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.85	0.362	1	A
Lindane	ND		ug/kg	0.769	0.344	1	A
Alpha-BHC	ND		ug/kg	0.769	0.218	1	A
Beta-BHC	ND		ug/kg	1.85	0.700	1	A
Heptachlor	ND		ug/kg	0.923	0.414	1	A
Aldrin	ND		ug/kg	1.85	0.650	1	A
Heptachlor epoxide	ND		ug/kg	3.46	1.04	1	A
Endrin	ND		ug/kg	0.769	0.315	1	A
Endrin aldehyde	ND		ug/kg	2.31	0.808	1	A
Endrin ketone	ND		ug/kg	1.85	0.475	1	A
Dieldrin	ND		ug/kg	1.15	0.577	1	A
4,4'-DDE	ND		ug/kg	1.85	0.427	1	A
4,4'-DDD	ND		ug/kg	1.85	0.658	1	A
4,4'-DDT	ND		ug/kg	1.85	1.48	1	A
Endosulfan I	ND		ug/kg	1.85	0.436	1	A
Endosulfan II	ND		ug/kg	1.85	0.617	1	A
Endosulfan sulfate	ND		ug/kg	0.769	0.366	1	A
Methoxychlor	ND		ug/kg	3.46	1.08	1	A
Toxaphene	ND		ug/kg	34.6	9.69	1	A
cis-Chlordane	ND		ug/kg	2.31	0.643	1	A
trans-Chlordane	ND		ug/kg	2.31	0.609	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04
Client ID: TRC-SB-02 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:30
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 14:24
Analyst: EJL
Percent Solids: 84%
Methylation Date: 09/23/23 22:09

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	195	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	89		30-150	A
DCAA	88		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05
Client ID: TRC-SB-DUP-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/20/23 17:28
Analyst: JAG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/20/23

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	0.771	1	A
Endrin ketone	ND		ug/kg	1.76	0.454	1	A
Dieldrin	ND		ug/kg	1.10	0.551	1	A
4,4'-DDE	ND		ug/kg	1.76	0.408	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	0.589	1	A
Endosulfan sulfate	ND		ug/kg	0.734	0.350	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	0.582	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05
Client ID: TRC-SB-DUP-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 14:42
Analyst: EJL
Percent Solids: 87%
Methylation Date: 09/23/23 22:09

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	190	5.05	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	79		30-150	A
DCAA	78		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/20/23 12:06
Analyst: AKM

Extraction Method: EPA 3546
Extraction Date: 09/19/23 12:42
Cleanup Method: EPA 3620B
Cleanup Date: 09/19/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-05 Batch: WG1829250-1						
Delta-BHC	ND		ug/kg	1.53	0.300	A
Lindane	ND		ug/kg	0.639	0.286	A
Alpha-BHC	ND		ug/kg	0.639	0.181	A
Beta-BHC	ND		ug/kg	1.53	0.581	A
Heptachlor	ND		ug/kg	0.767	0.344	A
Aldrin	ND		ug/kg	1.53	0.540	A
Heptachlor epoxide	ND		ug/kg	2.88	0.863	A
Endrin	ND		ug/kg	0.639	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.671	A
Endrin ketone	ND		ug/kg	1.53	0.395	A
Dieldrin	ND		ug/kg	0.958	0.479	A
4,4'-DDE	ND		ug/kg	1.53	0.355	A
4,4'-DDD	ND		ug/kg	1.53	0.547	A
4,4'-DDT	ND		ug/kg	1.53	1.23	A
Endosulfan I	ND		ug/kg	1.53	0.362	A
Endosulfan II	ND		ug/kg	1.53	0.512	A
Endosulfan sulfate	ND		ug/kg	0.639	0.304	A
Methoxychlor	ND		ug/kg	2.88	0.894	A
Toxaphene	ND		ug/kg	28.8	8.05	A
cis-Chlordane	ND		ug/kg	1.92	0.534	A
trans-Chlordane	ND		ug/kg	1.92	0.506	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/21/23 13:53
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:36
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 02 Batch: WG1829880-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.629	0.281	A
Alpha-BHC	ND		ug/kg	0.629	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.755	0.338	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.83	0.850	A
Endrin	ND		ug/kg	0.629	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.661	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.944	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	1.51	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.629	0.300	A
Methoxychlor	ND		ug/kg	2.83	0.881	A
Toxaphene	ND		ug/kg	28.3	7.93	A
cis-Chlordane	ND		ug/kg	1.89	0.526	A
trans-Chlordane	ND		ug/kg	1.89	0.498	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/24/23 12:33
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 07:41

Methylation Date: 09/23/23 22:09

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1830650-1						
2,4,5-TP (Silvex)	ND		ug/kg	164	4.36	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	90		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1829250-2 WG1829250-3									
Delta-BHC	84		81		30-150	4		30	A
Lindane	77		74		30-150	4		30	A
Alpha-BHC	79		75		30-150	5		30	A
Beta-BHC	74		72		30-150	3		30	A
Heptachlor	76		72		30-150	5		30	A
Aldrin	76		72		30-150	5		30	A
Heptachlor epoxide	72		70		30-150	3		30	A
Endrin	80		76		30-150	5		30	A
Endrin aldehyde	62		62		30-150	0		30	A
Endrin ketone	86		83		30-150	4		30	A
Dieldrin	86		82		30-150	5		30	A
4,4'-DDE	80		75		30-150	6		30	A
4,4'-DDD	85		80		30-150	6		30	A
4,4'-DDT	86		80		30-150	7		30	A
Endosulfan I	78		74		30-150	5		30	A
Endosulfan II	82		78		30-150	5		30	A
Endosulfan sulfate	79		77		30-150	3		30	A
Methoxychlor	82		77		30-150	6		30	A
cis-Chlordane	72		69		30-150	4		30	A
trans-Chlordane	84		81		30-150	4		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1829250-2 WG1829250-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		67		30-150	A
Decachlorobiphenyl	76		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		72		30-150	B
Decachlorobiphenyl	73		71		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1829880-2 WG1829880-3									
Delta-BHC	86		85		30-150	1		30	A
Lindane	76		77		30-150	1		30	A
Alpha-BHC	79		80		30-150	1		30	A
Beta-BHC	89		87		30-150	2		30	A
Heptachlor	75		77		30-150	3		30	A
Aldrin	76		76		30-150	0		30	A
Heptachlor epoxide	76		77		30-150	1		30	A
Endrin	81		82		30-150	1		30	A
Endrin aldehyde	63		68		30-150	8		30	A
Endrin ketone	84		88		30-150	5		30	A
Dieldrin	86		88		30-150	2		30	A
4,4'-DDE	80		81		30-150	1		30	A
4,4'-DDD	87		89		30-150	2		30	A
4,4'-DDT	86		88		30-150	2		30	A
Endosulfan I	78		79		30-150	1		30	A
Endosulfan II	83		86		30-150	4		30	A
Endosulfan sulfate	77		79		30-150	3		30	A
Methoxychlor	74		78		30-150	5		30	A
cis-Chlordane	84		85		30-150	1		30	A
trans-Chlordane	92		93		30-150	1		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 02 Batch: WG1829880-2 WG1829880-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		66		30-150	A
Decachlorobiphenyl	86		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		65		30-150	B
Decachlorobiphenyl	85		87		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1830650-2 WG1830650-3									
2,4,5-TP (Silvex)	95		99		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	92		91		30-150	A
DCAA	104		98		30-150	B

METALS

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01
Client ID: TRC-SB-03 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 08:55
Date Received: 09/18/23
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											
Antimony, Total	107		mg/kg	2.50	0.190	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Arsenic, Total	27.4		mg/kg	0.500	0.104	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Barium, Total	498		mg/kg	0.500	0.087	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.598		mg/kg	0.250	0.017	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Cadmium, Total	11.8		mg/kg	0.500	0.049	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Chromium, Total	39.2		mg/kg	0.500	0.048	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Copper, Total	521		mg/kg	0.500	0.129	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Lead, Total	2240		mg/kg	2.50	0.134	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Manganese, Total	344		mg/kg	0.500	0.079	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Mercury, Total	19.0		mg/kg	0.912	0.595	10	09/20/23 02:30	09/21/23 16:22	EPA 7471B	1,7471B	MJR
Nickel, Total	48.9		mg/kg	1.25	0.121	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Selenium, Total	1.13		mg/kg	0.999	0.129	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Silver, Total	1.03		mg/kg	0.250	0.141	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Thallium, Total	1.32		mg/kg	0.999	0.157	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY
Zinc, Total	955		mg/kg	2.50	0.146	1	09/20/23 01:30	09/20/23 19:56	EPA 3050B	1,6010D	CEY

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02 Date Collected: 09/18/23 09:05

Client ID: TRC-SB-03 (10-12) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.59	0.197	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Arsenic, Total	1.36		mg/kg	0.518	0.108	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Barium, Total	88.7		mg/kg	0.518	0.090	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.858		mg/kg	0.259	0.017	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.106	J	mg/kg	0.518	0.051	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Chromium, Total	31.8		mg/kg	0.518	0.050	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Copper, Total	20.6		mg/kg	0.518	0.134	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Lead, Total	10.2		mg/kg	2.59	0.139	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Manganese, Total	562		mg/kg	0.518	0.082	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.098	0.064	1	09/20/23 02:30	09/21/23 15:29	EPA 7471B	1,7471B	MJR
Nickel, Total	23.2		mg/kg	1.30	0.125	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Selenium, Total	ND		mg/kg	1.04	0.134	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Silver, Total	0.180	J	mg/kg	0.259	0.147	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Thallium, Total	5.66		mg/kg	1.04	0.163	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY
Zinc, Total	96.7		mg/kg	2.59	0.152	1	09/20/23 01:30	09/20/23 19:59	EPA 3050B	1,6010D	CEY

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2354519
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
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											
Antimony, Total	0.683	J	mg/kg	2.20	0.167	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Arsenic, Total	16.1		mg/kg	0.439	0.091	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Barium, Total	136		mg/kg	0.439	0.076	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.773		mg/kg	0.220	0.015	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.153	J	mg/kg	0.439	0.043	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Chromium, Total	27.4		mg/kg	0.439	0.042	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Copper, Total	54.5		mg/kg	0.439	0.113	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Lead, Total	527		mg/kg	2.20	0.118	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Manganese, Total	383		mg/kg	0.439	0.070	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Mercury, Total	1.38		mg/kg	0.082	0.053	1	09/20/23 02:30	09/21/23 15:32	EPA 7471B	1,7471B	MJR
Nickel, Total	18.4		mg/kg	1.10	0.106	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Selenium, Total	0.612	J	mg/kg	0.878	0.113	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Silver, Total	0.380		mg/kg	0.220	0.124	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Thallium, Total	4.73		mg/kg	0.878	0.138	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY
Zinc, Total	148		mg/kg	2.20	0.129	1	09/20/23 01:30	09/20/23 20:02	EPA 3050B	1,6010D	CEY

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04 Date Collected: 09/17/23 14:30

Client ID: TRC-SB-02 (11.5-13.5) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, 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											
Antimony, Total	ND		mg/kg	2.31	0.175	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Arsenic, Total	2.72		mg/kg	0.462	0.096	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Barium, Total	100		mg/kg	0.462	0.080	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.675		mg/kg	0.231	0.015	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.061	J	mg/kg	0.462	0.045	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Chromium, Total	25.0		mg/kg	0.462	0.044	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Copper, Total	30.5		mg/kg	0.462	0.119	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Lead, Total	67.4		mg/kg	2.31	0.124	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Manganese, Total	382		mg/kg	0.462	0.073	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Mercury, Total	ND		mg/kg	0.082	0.054	1	09/20/23 02:30	09/21/23 15:42	EPA 7471B	1,7471B	MJR
Nickel, Total	18.9		mg/kg	1.15	0.112	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Selenium, Total	0.199	J	mg/kg	0.923	0.119	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Silver, Total	0.188	J	mg/kg	0.231	0.131	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Thallium, Total	4.35		mg/kg	0.923	0.145	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY
Zinc, Total	106		mg/kg	2.31	0.135	1	09/20/23 01:30	09/20/23 20:06	EPA 3050B	1,6010D	CEY

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05 Date Collected: 09/17/23 00:00

Client ID: TRC-SB-DUP-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, 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											
Antimony, Total	1.07	J	mg/kg	2.25	0.171	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Arsenic, Total	19.5		mg/kg	0.451	0.094	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Barium, Total	292		mg/kg	0.451	0.078	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Beryllium, Total	0.530		mg/kg	0.225	0.015	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Cadmium, Total	0.343	J	mg/kg	0.451	0.044	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Chromium, Total	21.5		mg/kg	0.451	0.043	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Copper, Total	131		mg/kg	0.451	0.116	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Lead, Total	1130		mg/kg	2.25	0.121	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Manganese, Total	239		mg/kg	0.451	0.072	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Mercury, Total	0.979		mg/kg	0.088	0.057	1	09/20/23 02:30	09/21/23 15:46	EPA 7471B	1,7471B	MJR
Nickel, Total	15.1		mg/kg	1.13	0.109	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Selenium, Total	1.16		mg/kg	0.901	0.116	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Silver, Total	0.491		mg/kg	0.225	0.128	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Thallium, Total	2.19		mg/kg	0.901	0.142	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY
Zinc, Total	274		mg/kg	2.25	0.132	1	09/20/23 01:30	09/20/23 20:09	EPA 3050B	1,6010D	CEY

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06 Date Collected: 09/18/23 10:55

Client ID: TRC-GW-03 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Barium, Total	0.04314		mg/l	0.00050	0.00017	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00894		mg/l	0.00100	0.00017	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00030	J	mg/l	0.00050	0.00016	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Copper, Total	0.00100		mg/l	0.00100	0.00038	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Lead, Total	0.00051	J	mg/l	0.00100	0.00034	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Manganese, Total	0.01394		mg/l	0.00100	0.00044	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/20/23 20:15	09/23/23 15:54	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Selenium, Total	0.00424	J	mg/l	0.00500	0.00173	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/20/23 21:12	09/24/23 17:04	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Barium, Dissolved	0.06617		mg/l	0.00050	0.00017	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	0.00411		mg/l	0.00100	0.00017	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Copper, Dissolved	0.00338		mg/l	0.00100	0.00038	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	0.00592		mg/l	0.00100	0.00044	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/21/23 00:19	09/22/23 15:27	EPA 7470A	1,7470A	GMG

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-06 Date Collected: 09/18/23 10:55

Client ID: TRC-GW-03 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Nickel, Dissolved	0.00088	J	mg/l	0.00200	0.00055	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	0.00348	J	mg/l	0.00500	0.00173	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/20/23 22:50	09/22/23 18:39	EPA 3005A	1,6020B	MRC

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07 Date Collected: 09/17/23 00:00

Client ID: TRC-DUP-GW-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Barium, Total	0.04195		mg/l	0.00050	0.00017	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Chromium, Total	0.00975		mg/l	0.00100	0.00017	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00018	J	mg/l	0.00050	0.00016	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Copper, Total	0.00078	J	mg/l	0.00100	0.00038	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Manganese, Total	0.00651		mg/l	0.00100	0.00044	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/20/23 20:15	09/23/23 15:57	EPA 7470A	1,7470A	GMG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Selenium, Total	0.00328	J	mg/l	0.00500	0.00173	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/20/23 21:12	09/24/23 17:09	EPA 3005A	1,6020B	WKP
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Barium, Dissolved	0.06343		mg/l	0.00050	0.00017	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	0.00437		mg/l	0.00100	0.00017	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Copper, Dissolved	0.00125		mg/l	0.00100	0.00038	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	0.00537		mg/l	0.00100	0.00044	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/21/23 00:19	09/22/23 15:18	EPA 7470A	1,7470A	GMG

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-07 Date Collected: 09/17/23 00:00

Client ID: TRC-DUP-GW-01 Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	0.00360	J	mg/l	0.00500	0.00173	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/20/23 22:50	09/22/23 18:44	EPA 3005A	1,6020B	MRC

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-08 Date Collected: 09/17/23 12:00

Client ID: TRC-SB-102 (8-10) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, 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											
Lead, Total	20.4		mg/kg	2.54	0.136	1	09/20/23 01:30	09/20/23 20:38	EPA 3050B	1,6010D	CEY

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-09 Date Collected: 09/17/23 12:45

Client ID: TRC-SB-103 (8-10) Date Received: 09/18/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	15.7		mg/kg	2.50	0.134	1	09/20/23 01:30	09/20/23 20:12	EPA 3050B	1,6010D	CEY

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1829164-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/20/23 21:12	09/24/23 17:30	1,6020B	WKP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1829165-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/20/23 20:15	09/23/23 14:51	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05,08-09 Batch: WG1829236-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Barium, Total	ND		mg/kg	0.400	0.070	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Copper, Total	ND		mg/kg	0.400	0.103	1	09/20/23 01:30	09/20/23 22:56	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Silver, Total	ND		mg/kg	0.200	0.113	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/20/23 01:30	09/20/23 16:21	1,6010D	CEY

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-05 Batch: WG1829237-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/20/23 02:30	09/21/23 14:47	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1829835-1										
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Barium, Dissolved	ND	mg/l	0.00050	0.00017	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Beryllium, Dissolved	ND	mg/l	0.00050	0.00010	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Cadmium, Dissolved	ND	mg/l	0.00020	0.00005	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Chromium, Dissolved	ND	mg/l	0.00100	0.00017	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Cobalt, Dissolved	ND	mg/l	0.00050	0.00016	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Copper, Dissolved	ND	mg/l	0.00100	0.00038	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Lead, Dissolved	ND	mg/l	0.00100	0.00034	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Manganese, Dissolved	ND	mg/l	0.00100	0.00044	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Nickel, Dissolved	ND	mg/l	0.00200	0.00055	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Selenium, Dissolved	ND	mg/l	0.00500	0.00173	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Silver, Dissolved	ND	mg/l	0.00040	0.00016	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Thallium, Dissolved	ND	mg/l	0.00100	0.00014	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Vanadium, Dissolved	ND	mg/l	0.00500	0.00157	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC
Zinc, Dissolved	ND	mg/l	0.01000	0.00341	1	09/20/23 22:50	09/22/23 18:16	1,6020B	MRC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 06-07 Batch: WG1829836-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/21/23 00:19	09/22/23 15:11	1,7470A	GMG

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1829164-2								
Antimony, Total	96		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	106		-		80-120	-		
Copper, Total	106		-		80-120	-		
Lead, Total	105		-		80-120	-		
Manganese, Total	113		-		80-120	-		
Nickel, Total	102		-		80-120	-		
Selenium, Total	118		-		80-120	-		
Silver, Total	105		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	96		-		80-120	-		
Zinc, Total	100		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1829165-2								
Mercury, Total	103		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,08-09 Batch: WG1829236-2 SRM Lot Number: D119-540					
Antimony, Total	133	-	10-190	-	
Arsenic, Total	99	-	83-117	-	
Barium, Total	98	-	82-118	-	
Beryllium, Total	100	-	83-117	-	
Cadmium, Total	94	-	82-117	-	
Chromium, Total	94	-	82-119	-	
Copper, Total	95	-	84-116	-	
Lead, Total	101	-	82-118	-	
Manganese, Total	97	-	82-118	-	
Nickel, Total	95	-	82-117	-	
Selenium, Total	99	-	79-121	-	
Silver, Total	104	-	80-120	-	
Thallium, Total	100	-	81-119	-	
Zinc, Total	99	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1829237-2 SRM Lot Number: D119-540					
Mercury, Total	108	-	73-127	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1829835-2					
Antimony, Dissolved	104	-	80-120	-	
Arsenic, Dissolved	113	-	80-120	-	
Barium, Dissolved	109	-	80-120	-	
Beryllium, Dissolved	106	-	80-120	-	
Cadmium, Dissolved	109	-	80-120	-	
Chromium, Dissolved	118	-	80-120	-	
Cobalt, Dissolved	117	-	80-120	-	
Copper, Dissolved	112	-	80-120	-	
Lead, Dissolved	113	-	80-120	-	
Manganese, Dissolved	114	-	80-120	-	
Nickel, Dissolved	112	-	80-120	-	
Selenium, Dissolved	112	-	80-120	-	
Silver, Dissolved	116	-	80-120	-	
Thallium, Dissolved	115	-	80-120	-	
Vanadium, Dissolved	114	-	80-120	-	
Zinc, Dissolved	112	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 06-07 Batch: WG1829836-2					
Mercury, Dissolved	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

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): 06-07 QC Batch ID: WG1829164-3 WG1829164-4 QC Sample: L2353831-02 Client ID: MS Sample												
Antimony, Total	ND	0.5	0.5122	102		0.5063	101		75-125	1		20
Arsenic, Total	0.00060	0.12	0.1317	109		0.1393	116		75-125	6		20
Barium, Total	0.09349	2	2.142	102		2.131	102		75-125	1		20
Beryllium, Total	ND	0.05	0.05318	106		0.05158	103		75-125	3		20
Cadmium, Total	ND	0.053	0.05438	103		0.05422	102		75-125	0		20
Chromium, Total	0.00738	0.2	0.2075	100		0.2088	101		75-125	1		20
Cobalt, Total	0.00090	0.5	0.5129	102		0.5204	104		75-125	1		20
Copper, Total	0.00338	0.25	0.2522	100		0.2526	100		75-125	0		20
Lead, Total	0.00035J	0.53	0.5526	104		0.5522	104		75-125	0		20
Manganese, Total	0.06007	0.5	0.6109	110		0.6124	110		75-125	0		20
Nickel, Total	0.00781	0.5	0.5127	101		0.5176	102		75-125	1		20
Selenium, Total	ND	0.12	0.141	118		0.114	95		75-125	**21**	Q	20
Silver, Total	ND	0.05	0.05191	104		0.05330	107		75-125	3		20
Thallium, Total	ND	0.12	0.1222	102		0.1258	105		75-125	3		20
Vanadium, Total	ND	0.5	0.4926	98		0.4872	97		75-125	1		20
Zinc, Total	0.01096	0.5	0.5080	99		0.5188	102		75-125	2		20
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1829165-3 WG1829165-4 QC Sample: L2353831-02 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00529	106		0.00523	105		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

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): 01-05,08-09 QC Batch ID: WG1829236-3 QC Sample: L2354448-01 Client ID: MS Sample										
Antimony, Total	0.278J	46.4	43.8	94		-	-	75-125	-	20
Arsenic, Total	7.34	11.1	25.9	**167**	Q	-	-	75-125	-	20
Barium, Total	80.4	185	272	103		-	-	75-125	-	20
Beryllium, Total	0.468	4.64	4.85	94		-	-	75-125	-	20
Cadmium, Total	0.595	4.91	7.70	**144**	Q	-	-	75-125	-	20
Chromium, Total	137	18.5	182	**243**	Q	-	-	75-125	-	20
Copper, Total	62.1	23.2	92.1	**129**	Q	-	-	75-125	-	20
Lead, Total	217	49.1	399	**370**	Q	-	-	75-125	-	20
Manganese, Total	750	46.4	1100	**755**	Q	-	-	75-125	-	20
Nickel, Total	172	46.4	97.8	**0**	Q	-	-	75-125	-	20
Selenium, Total	ND	11.1	15.6	**140**	Q	-	-	75-125	-	20
Silver, Total	ND	4.64	5.46	118		-	-	75-125	-	20
Thallium, Total	1.80	11.1	13.6	106		-	-	75-125	-	20
Zinc, Total	274	46.4	793	**1120**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1829237-3 QC Sample: L2354448-01 Client ID: MS Sample										
Mercury, Total	0.148	1.73	1.98	106		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1829835-3 QC Sample: L2354519-06 Client ID: TRC-GW-03									
Antimony, Dissolved	ND	0.5	0.4952	99	-	-	75-125	-	20
Arsenic, Dissolved	0.00017J	0.12	0.1284	107	-	-	75-125	-	20
Barium, Dissolved	0.06617	2	2.066	100	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05148	103	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.053	0.05394	102	-	-	75-125	-	20
Chromium, Dissolved	0.00411	0.2	0.2251	110	-	-	75-125	-	20
Cobalt, Dissolved	ND	0.5	0.5214	104	-	-	75-125	-	20
Copper, Dissolved	0.00338	0.25	0.2523	100	-	-	75-125	-	20
Lead, Dissolved	ND	0.53	0.5470	103	-	-	75-125	-	20
Manganese, Dissolved	0.00592	0.5	0.5416	107	-	-	75-125	-	20
Nickel, Dissolved	0.00088J	0.5	0.4964	99	-	-	75-125	-	20
Selenium, Dissolved	0.00348J	0.12	0.115	96	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05396	108	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1264	105	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4808	96	-	-	75-125	-	20
Zinc, Dissolved	ND	0.5	0.5064	101	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1829836-3 QC Sample: L2354519-07 Client ID: TRC-DUP-GW-01									
Mercury, Dissolved	ND	0.005	0.00480	96	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05,08-09 QC Batch ID: WG1829236-4 QC Sample: L2354448-01 Client ID: DUP Sample						
Arsenic, Total	7.34	38.4	mg/kg	**136**	Q	20
Barium, Total	80.4	123	mg/kg	**42**	Q	20
Beryllium, Total	0.468	0.605	mg/kg	**26**	Q	20
Cadmium, Total	0.595	7.95	mg/kg	**172**	Q	20
Chromium, Total	137	579	mg/kg	**123**	Q	20
Lead, Total	217	500	mg/kg	**79**	Q	20
Nickel, Total	172	736	mg/kg	**124**	Q	20
Selenium, Total	ND	1.29	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05,08-09 QC Batch ID: WG1829236-4 QC Sample: L2354448-01 Client ID: DUP Sample						
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-05,08-09 QC Batch ID: WG1829236-4 QC Sample: L2354448-01 Client ID: DUP Sample						
Copper, Total	62.1	691	mg/kg	**167**	Q	20
Zinc, Total	274	4200	mg/kg	**176**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1829237-4 QC Sample: L2354448-01 Client ID: DUP Sample						
Mercury, Total	0.148	0.163	mg/kg	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1829835-4 QC Sample: L2354519-06 Client ID: TRC-GW-03					
Antimony, Dissolved	ND	ND	mg/l	NC	20
Arsenic, Dissolved	0.00017J	ND	mg/l	NC	20
Barium, Dissolved	0.06617	0.06564	mg/l	1	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Chromium, Dissolved	0.00411	0.00419	mg/l	2	20
Cobalt, Dissolved	ND	ND	mg/l	NC	20
Copper, Dissolved	0.00338	0.00335	mg/l	1	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Manganese, Dissolved	0.00592	0.00600	mg/l	1	20
Nickel, Dissolved	0.00088J	0.00090J	mg/l	NC	20
Selenium, Dissolved	0.00348J	0.00382J	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Thallium, Dissolved	ND	0.00031J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1829836-4 QC Sample: L2354519-07 Client ID: TRC-DUP-GW-01					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Lab Serial Dilution Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1829164-6 QC Sample: L2353831-02 Client ID: DUP Sample						
Barium, Total	0.09349	0.09549	mg/l	2		20
Manganese, Total	0.06007	0.06239	mg/l	4		20
Dissolved Metals - Mansfield Lab Associated sample(s): 06-07 QC Batch ID: WG1829835-6 QC Sample: L2354519-06 Client ID: TRC-GW-03						
Barium, Dissolved	0.06617	0.06495	mg/l	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-01
Client ID: TRC-SB-03 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 08:55
Date Received: 09/18/23
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	77.0		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	09/21/23 05:30	09/21/23 14:34	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.04	0.208	1	09/21/23 08:15	09/22/23 12:39	1,7196A	LOF

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-02
Client ID: TRC-SB-03 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/18/23 09:05
Date Received: 09/18/23
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	74.5		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	09/21/23 05:30	09/21/23 14:19	1,9010C/9012B	JER
Chromium, Hexavalent	0.376	J	mg/kg	1.07	0.215	1	09/21/23 08:15	09/22/23 12:39	1,7196A	LOF

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-03
Client ID: TRC-SB-02 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:10
Date Received: 09/18/23
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	88.3		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/21/23 05:30	09/21/23 14:35	1,9010C/9012B	JER
Chromium, Hexavalent	0.317	J	mg/kg	0.906	0.181	1	09/21/23 08:15	09/22/23 12:39	1,7196A	LOF

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-04
Client ID: TRC-SB-02 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 14:30
Date Received: 09/18/23
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	84.4		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	09/21/23 05:30	09/21/23 14:38	1,9010C/9012B	JER
Chromium, Hexavalent	0.332	J	mg/kg	0.948	0.190	1	09/21/23 08:15	09/22/23 12:39	1,7196A	LOF

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-05
Client ID: TRC-SB-DUP-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 00:00
Date Received: 09/18/23
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	87.3		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.22	1	09/21/23 05:30	09/21/23 14:39	1,9010C/9012B	JER
Chromium, Hexavalent	0.332	J	mg/kg	0.916	0.183	1	09/21/23 08:15	09/22/23 12:39	1,7196A	LOF

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-08
Client ID: TRC-SB-102 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 12:00
Date Received: 09/18/23
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	75.6		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2354519-09
Client ID: TRC-SB-103 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/17/23 12:45
Date Received: 09/18/23
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	78.7		%	0.100	NA	1	-	09/19/23 07:41	121,2540G	ROI

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2354519

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01,03-05 Batch: WG1830023-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	09/21/23 05:30	09/21/23 14:15	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02 Batch: WG1830026-1										
Cyanide, Total	ND		mg/kg	0.84	0.18	1	09/21/23 05:30	09/21/23 14:15	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01-05 Batch: WG1830170-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/21/23 08:15	09/22/23 12:39	1,7196A	LOF

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1830023-2 WG1830023-3								
Cyanide, Total	**136**	Q	**132**	Q	80-120	0		35
General Chemistry - Westborough Lab Associated sample(s): 02 Batch: WG1830026-2 WG1830026-3								
Cyanide, Total	**136**	Q	**132**	Q	80-120	0		35
General Chemistry - Westborough Lab Associated sample(s): 01-05 Batch: WG1830170-2								
Chromium, Hexavalent	88		-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2354519
Report Date: 10/16/23

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): 01,03-05 QC Batch ID: WG1830023-4 WG1830023-5 QC Sample: L2354519-05 Client ID: TRC-SB-DUP-01												
Cyanide, Total	ND	11	17	**160**	Q	16	**140**	Q	75-125	6		35
General Chemistry - Westborough Lab Associated sample(s): 02 QC Batch ID: WG1830026-4 WG1830026-5 QC Sample: L2354973-02 Client ID: MS Sample												
Cyanide, Total	ND	23	35	**150**	Q	32	**140**	Q	75-125	9		35
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1830170-4 QC Sample: L2354519-04 Client ID: TRC-SB-02 (11.5-13.5)												
Chromium, Hexavalent	0.332J	1250	1140	91		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2354519

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05,08-09 QC Batch ID: WG1829045-1 QC Sample: L2354548-01 Client ID: DUP Sample						
Solids, Total	88.5	88.3	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1830170-6 QC Sample: L2354519-04 Client ID: TRC-SB-02 (11.5-13.5)						
Chromium, Hexavalent	0.332J	ND	mg/kg	NC		20

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354519-01A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-01B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-01C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-01D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2354519-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2354519-01F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-01G	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-01H	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-01X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-01Y	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-02A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-02B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-02C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-02D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2354519-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2354519-02F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354519-02G	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-02H	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-02X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-02Y	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-02Z	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-03A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-03B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-03C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-03D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2354519-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2354519-03F	Vial Large Septa unpreserved (4oz)	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-03G	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-03H	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-03J	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-03K	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-03X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		TPH-GRO(14),NYTCL-8260HLW(14)
L2354519-03Y	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-03Z	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-04A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-04B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-04C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354519-04D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2354519-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2354519-04F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-04G	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-04H	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-04X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-04Y	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-04Z	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-05A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-05B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-05C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-05D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2354519-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2354519-05F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-05G	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-05H	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354519-05X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-05Y	Vial Water preserved split	A	NA		2.3	Y	Absent	**19-SEP-23 07:23**	NYTCL-8260HLW(14)
L2354519-05Z	Vial Water preserved split	A	NA		2.3	Y	Absent	**19-SEP-23 07:23**	NYTCL-8260HLW(14)
L2354519-06A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354519-06B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2354519-06C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2354519-06D	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		V-6020S(180),SE-6020S(180),CU-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CR-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),PB-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28)
L2354519-06E	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2354519-06F	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2354519-06G	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2354519-06H	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2354519-06J	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2354519-06K	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2354519-06L	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2354519-06M	Plastic 500ml unpreserved	A	NA		2.3	Y	Absent		A2-1633-DRAFT(28)
L2354519-06N	Plastic 500ml unpreserved	A	NA		2.3	Y	Absent		A2-1633-DRAFT(28)
L2354519-06P	Plastic 500ml unpreserved	A	NA		2.3	Y	Absent		A2-1633-DRAFT(28)
L2354519-07A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2354519-07B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2354519-07C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2354519-07D	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CR-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),CD-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354519-07E	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),CO-6020T(180)
L2354519-07F	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2354519-07G	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2354519-07H	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2354519-07J	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2354519-07K	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2354519-07L	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2354519-07M	Plastic 500ml unpreserved	A	NA		2.3	Y	Absent		A2-1633-DRAFT(28)
L2354519-07N	Plastic 500ml unpreserved	A	NA		2.3	Y	Absent		A2-1633-DRAFT(28)
L2354519-07P	Plastic 500ml unpreserved	A	NA		2.3	Y	Absent		A2-1633-DRAFT(28)
L2354519-08A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-08B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-08C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-08D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2354519-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		PB-TI(180)
L2354519-08F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2354519-08X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-08Y	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-08Z	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-09A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-09B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-09C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-09D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2354519-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		PB-TI(180)
L2354519-09F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354519-09X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2354519-09Y	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)
L2354519-09Z	Vial Water preserved split	A	NA		2.3	Y	Absent	19-SEP-23 07:23	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2354519
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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	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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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:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2354519
Project Number:	549782	**Report Date:**	10/16/23

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2354519
Project Number:	549782	**Report Date:**	10/16/23

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2354519
Project Number:	549782	**Report Date:**	10/16/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.)

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2354519
Project Number:	549782	**Report Date:**	10/16/23

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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1
1 of 3

Date Rec'd in Lab: 9/19/23

ALPHA Job #: L2354519

Client Information

Client: TRC Engineers, Inc.
Address: 1430 Broadway 10th Floor
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: sambrose@trccompanies.com

Project Information

Project Name: 257 Franklin St Phase II ESI
Project Location: 257 Franklin Street, Brooklyn, NY
Project #: 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 Day

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other

Billing Information

☐ Same as Client Info
PO # 206477

Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☑ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT-B Deliverables. TAL Metals - less Al, Ca, Co, Fe, K, Mg, Na, V

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL and CP-51 VOCs +TICs	TCL and CP-51 SVOCs +TICs	TAL Metals + Hexavalent Chromium + Cyanide	TCL Pesticides	TCL PCBs	TCL Herbicides	TPH DRO/GRO	PFAS 1633	Sample Specific Comments	Total Bottles
54519 -01	TRC-SB-03(1-4)	9/17	0855	Soil	MK/HD	X	X	X	X	X	X				
-02	TRC-SB-03 (10-12)	9/17	0905	Soil	MK/HD	X	X	X	X	X	X				
-03	TRC-SB-02 (1-4)	9/17	1410	Soil	MK/HD	X	X	X	X	X	X	X			
-04	TRC-SB-02 (11.5-13.5)	9/17	1430	Soil	MK/HD	X	X	X	X	X	X				
-05	TRC-SB-DUP-01	9/17	—	Soil	MK/HD	X	X	X	X	X	X				
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Container Type											
				Preservative											

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/17 1515	[illegible]	9/18/23 [illegible]
[illegible]	9/18/23 17:33	MS MA(AN)	9/18 1850
MS MA(AN)		[illegible]	9/18 2215
[illegible]	9/19 1:00	[illegible]	9/19/23 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 9/19/23

ALPHA Job #: L2354519

Client Information

Client: TRC Engineers, Inc.
Address: 1430 Broadway 10th Floor
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: sambrose@trccompanies.com

Project Information

Project Name: 257 Franklin St Phase II ESI
Project Location: 257 Franklin Street, Brooklyn, NY
Project #: 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 Day

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other

Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☑ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # 206477

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT-B Deliverables. TAL- Less Al, Ca, Co, Fe, K, Mg, Ma, ✓

Please specify Metals or TAL.

Sample Filtration
☑ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL and CP-51 VOCs	TCL and CP-51 SVOCs	TAL Metals FIELD FILTERED	TAL Metals UNFILTERED	TCL PCBs	NYCDEP Sewer Use Discharge	1,4-Dioxane w/ SIM	PFAS	Sample Specific Comments	Total Bottles
54519-06	TRC-GW-03	9/17	1055	GW	MK/HD	X	X	X	X	X	[illegible]	X	X		
-07	TRC-DUP-GW-01	9/17	—	GW	MK/HD	X	X	X	X	X		X	X		
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				Container Type											
				Preservative											

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	9/17 1515	[signature]	9/18/23 1020
[signature]	9/17/23 1733	MSMA(AL)	9/18 1850
MSMA(AL)		[signature]	9/18 2215
[signature] RAC	9/19 1:00	[signature]	9/19/23 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
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Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 9/19/23

ALPHA Job #: L0354519

Client Information

Client: TRC Engineers, Inc.
Address: 1430 Broadway 10th Floor
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: sambrose@trccompanies.com

Project Information

Project Name: 257 Franklin St Phase II ESI
Project Location: 257 Franklin Street, Brooklyn, NY
Project #: 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 Day

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other

Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☑ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # 206477

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT-B Deliverables.

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL and CP-51 VOCs +TICs	TCL and CP-51 SVOCs +TICs	Lead by 6010C						Sample Specific Comments	Total Bottles
54519 -08	TRC-SB-102(8-10)	9/17	1200	Soil	MK/HD	X	X	X							
-09	TRC-SB-103(8-10)	9/17	1245	Soil	MK/HD	X	X	X							
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
	9/17 1515		9/18/23 18:20
MS MA(AL)	9/18/23 17:53	MS MA(AL)	9/18 1450
AAC	9/18 1:00	AAC	9/18 22:15
			9/19/23 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2354808
Client:	TRC Environmental Corp 1430 Broadway 10th Floor New York, NY 10018
ATTN:	Sam Ambrose
Phone:	(212) 221-7822
Project Name:	257 FRANKLIN ST. PHASE II ESI
Project Number:	549782
Report Date:	10/06/23

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).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354808-01	TRC-SB-06 (1-4)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/19/23 09:35	09/19/23
L2354808-02	TRC-SB-06 (11-13)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/19/23 10:00	09/19/23
L2354808-03	TRC-SB-01 (1-4)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/19/23 10:25	09/19/23
L2354808-04	TRC-SB-01 (10-12)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/19/23 10:45	09/19/23
L2354808-05	TRC-SB-04 (1-4)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/19/23 12:25	09/19/23
L2354808-06	TRC-SB-04 (12-14)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/19/23 12:45	09/19/23
L2354808-07	TRC-SD-01	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/19/23 12:00	09/19/23
L2354808-08	TRC-SB-DUP-02	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/19/23 00:00	09/19/23

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2354808
Project Number:	549782	**Report Date:**	10/06/23

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.

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2354808
Project Number:	549782	**Report Date:**	10/06/23

Case Narrative (continued)

Report Submission

October 06, 2023: This final report includes the results of all requested analyses.

Report Revision

October 05, 2023: This is a preliminary report. The Volatile Organics, Semivolatile Organics, Pesticides, and Hebicides analyses analyte list has been amended.

Report Submission

September 26, 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.

Semivolatile Organics

L2354808-03D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Perfluorinated Alkyl Acids by 1633

L2354808-03, -08, WG1832623-1/-2/-3: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1832623-2 LCS recovery, associated with L2354808-03 and -08, is above the acceptance criteria for nonafluoro-3,6-dioxaheptanoic acid (nfdha) (181%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1832623-3 LCS recovery, associated with L2354808-03 and -08, is above the acceptance criteria for perfluoroundecanoic acid (pfuna) (172%); however, the associated samples are non-detect to the RL for this

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808
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Case Narrative (continued)

target analyte. The results of the original analysis are reported.

Total Metals

The WG1830061-3 MS recoveries, performed on L2354808-01, are outside the acceptance criteria for arsenic (136%) and selenium (134%). A post digestion spike was performed and yielded unacceptable recoveries for arsenic (131%) and selenium (134%). The serial dilution recoveries were not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.
The WG1830061-3 MS recovery, performed on L2354808-01, is outside the acceptance criteria for zinc (70%). A post digestion spike was performed and yielded an unacceptable recovery of 60%. The serial dilution recovery was acceptable; therefore, the matrix test passed for the sample matrix.
The WG1830061-4 Laboratory Duplicate RPD for lead (50%), performed on L2354808-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Hexavalent Chromium

The WG1830223-2 LCS recovery for chromium, hexavalent (78%), associated with L2354808-01 through -07, 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: Cristin Walker

Title: Technical Director/Representative Date: 10/06/23

ORGANICS

VOLATILES

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 15:22
Analyst: AJK
Percent Solids: 83%

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	0.40	1
cis-1,3-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	0.79	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.8	1.4	1
Bromomethane	ND		ug/kg	2.9	0.84	1
Vinyl chloride	ND		ug/kg	1.4	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	ND		ug/kg	0.72	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01 Date Collected: 09/19/23 09:35

Client ID: TRC-SB-06 (1-4) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	21		ug/kg	14	7.0	1
Carbon disulfide	ND		ug/kg	14	6.6	1
2-Butanone	4.0	J	ug/kg	14	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.40	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.4	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
n-Propylbenzene	ND		ug/kg	1.4	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	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
Methyl Acetate	ND		ug/kg	5.8	1.4	1
Cyclohexane	ND		ug/kg	14	0.79	1
Freon-113	ND		ug/kg	5.8	1.0	1
Methyl cyclohexane	ND		ug/kg	5.8	0.88	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-01	Date Collected:	09/19/23 09:35
Client ID:	TRC-SB-06 (1-4)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	14.4	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.53	NJ	ug/kg			1
Unknown Alkane	3.88	J	ug/kg			1
Unknown	3.00	J	ug/kg			1
Unknown Alkane	4.02	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-02
Client ID: TRC-SB-06 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 16:01
Analyst: AJK
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.9	4.1	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.41	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.47	1
Tetrachloroethene	ND		ug/kg	0.89	0.35	1
Chlorobenzene	ND		ug/kg	0.89	0.22	1
Trichlorofluoromethane	ND		ug/kg	7.1	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	0.89	0.30	1
Bromodichloromethane	ND		ug/kg	0.89	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.48	1
cis-1,3-Dichloropropene	ND		ug/kg	0.89	0.28	1
Bromoform	ND		ug/kg	7.1	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.89	0.29	1
Benzene	ND		ug/kg	0.89	0.29	1
Toluene	ND		ug/kg	1.8	0.96	1
Ethylbenzene	ND		ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.1	1.6	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.60	1
Chloroethane	ND		ug/kg	3.6	0.80	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.24	1
Trichloroethene	ND		ug/kg	0.89	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-02 Date Collected: 09/19/23 10:00

Client ID: TRC-SB-06 (11-13) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	0.99	1
o-Xylene	ND		ug/kg	1.8	0.52	1
Xylenes, Total	ND		ug/kg	1.8	0.52	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.31	1
Styrene	ND		ug/kg	1.8	0.35	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	ND		ug/kg	18	8.5	1
Carbon disulfide	ND		ug/kg	18	8.1	1
2-Butanone	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.36	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.50	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	1.8	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.19	1
Naphthalene	ND		ug/kg	7.1	1.2	1
n-Propylbenzene	ND		ug/kg	1.8	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.57	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.48	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.34	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.59	1
Methyl Acetate	ND		ug/kg	7.1	1.7	1
Cyclohexane	ND		ug/kg	18	0.97	1
Freon-113	ND		ug/kg	7.1	1.2	1
Methyl cyclohexane	ND		ug/kg	7.1	1.1	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-02	Date Collected:	09/19/23 10:00
Client ID:	TRC-SB-06 (11-13)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	3.94	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.94	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03
Client ID: TRC-SB-01 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 16:40
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	7.3	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	ND		ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03 Date Collected: 09/19/23 10:25

Client ID: TRC-SB-01 (1-4) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	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	0.82	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	7.8	J	ug/kg	15	7.0	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
n-Butylbenzene	ND		ug/kg	1.5	0.24	1
sec-Butylbenzene	ND		ug/kg	1.5	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.95	1
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.9	0.49	1
Methyl Acetate	ND		ug/kg	5.9	1.4	1
Cyclohexane	ND		ug/kg	15	0.80	1
Freon-113	ND		ug/kg	5.9	1.0	1
Methyl cyclohexane	ND		ug/kg	5.9	0.88	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-03	Date Collected:	09/19/23 10:25
Client ID:	TRC-SB-01 (1-4)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	3.43	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	3.43	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-04
Client ID: TRC-SB-01 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 17:19
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	6.7	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	0.78	J	ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-04 Date Collected: 09/19/23 10:45

Client ID: TRC-SB-01 (10-12) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	8.1	J	ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	3.3	J	ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.3	0.87	1
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
Methyl Acetate	ND		ug/kg	5.3	1.3	1
Cyclohexane	ND		ug/kg	13	0.73	1
Freon-113	ND		ug/kg	5.3	0.92	1
Methyl cyclohexane	ND		ug/kg	5.3	0.80	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-04	Date Collected:	09/19/23 10:45
Client ID:	TRC-SB-01 (10-12)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	96		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05
Client ID: TRC-SB-04 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 17:58
Analyst: AJK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	10	4.6	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.29	1
Chloroform	ND		ug/kg	3.0	0.28	1
Carbon tetrachloride	ND		ug/kg	2.0	0.46	1
1,2-Dichloropropane	ND		ug/kg	2.0	0.25	1
Dibromochloromethane	ND		ug/kg	2.0	0.28	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.53	1
Tetrachloroethene	7.3		ug/kg	1.0	0.39	1
Chlorobenzene	ND		ug/kg	1.0	0.25	1
Trichlorofluoromethane	ND		ug/kg	8.0	1.4	1
1,2-Dichloroethane	ND		ug/kg	2.0	0.51	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.33	1
Bromodichloromethane	ND		ug/kg	1.0	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	2.0	0.54	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.32	1
Bromoform	ND		ug/kg	8.0	0.49	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.33	1
Benzene	ND		ug/kg	1.0	0.33	1
Toluene	ND		ug/kg	2.0	1.1	1
Ethylbenzene	ND		ug/kg	2.0	0.28	1
Chloromethane	ND		ug/kg	8.0	1.9	1
Bromomethane	ND		ug/kg	4.0	1.2	1
Vinyl chloride	ND		ug/kg	2.0	0.67	1
Chloroethane	ND		ug/kg	4.0	0.90	1
1,1-Dichloroethene	ND		ug/kg	2.0	0.48	1
trans-1,2-Dichloroethene	ND		ug/kg	3.0	0.27	1
Trichloroethene	ND		ug/kg	1.0	0.27	1
1,2-Dichlorobenzene	ND		ug/kg	4.0	0.29	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05 Date Collected: 09/19/23 12:25

Client ID: TRC-SB-04 (1-4) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	4.0	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	4.0	0.34	1
Methyl tert butyl ether	ND		ug/kg	4.0	0.40	1
p/m-Xylene	ND		ug/kg	4.0	1.1	1
o-Xylene	ND		ug/kg	2.0	0.58	1
Xylenes, Total	ND		ug/kg	2.0	0.58	1
cis-1,2-Dichloroethene	ND		ug/kg	2.0	0.35	1
Styrene	ND		ug/kg	2.0	0.39	1
Dichlorodifluoromethane	ND		ug/kg	20	1.8	1
Acetone	12	J	ug/kg	20	9.6	1
Carbon disulfide	ND		ug/kg	20	9.1	1
2-Butanone	ND		ug/kg	20	4.4	1
4-Methyl-2-pentanone	ND		ug/kg	20	2.6	1
2-Hexanone	ND		ug/kg	20	2.4	1
Bromochloromethane	ND		ug/kg	4.0	0.41	1
1,2-Dibromoethane	ND		ug/kg	2.0	0.56	1
n-Butylbenzene	ND		ug/kg	2.0	0.33	1
sec-Butylbenzene	ND		ug/kg	2.0	0.29	1
tert-Butylbenzene	ND		ug/kg	4.0	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	2.0	1
Isopropylbenzene	ND		ug/kg	2.0	0.22	1
p-Isopropyltoluene	ND		ug/kg	2.0	0.22	1
Naphthalene	ND		ug/kg	8.0	1.3	1
n-Propylbenzene	ND		ug/kg	2.0	0.34	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.0	0.64	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.0	0.54	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.0	0.38	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.0	0.67	1
Methyl Acetate	ND		ug/kg	8.0	1.9	1
Cyclohexane	ND		ug/kg	20	1.1	1
Freon-113	ND		ug/kg	8.0	1.4	1
Methyl cyclohexane	ND		ug/kg	8.0	1.2	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-05	Date Collected:	09/19/23 12:25
Client ID:	TRC-SB-04 (1-4)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-06
Client ID: TRC-SB-04 (12-14)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 18:36
Analyst: AJK
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	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	0.37	1
Tetrachloroethene	0.41	J	ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-06 Date Collected: 09/19/23 12:45

Client ID: TRC-SB-04 (12-14) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.41	1
Xylenes, Total	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	ND		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	ND		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
n-Butylbenzene	ND		ug/kg	1.4	0.23	1
sec-Butylbenzene	ND		ug/kg	1.4	0.20	1
tert-Butylbenzene	ND		ug/kg	2.8	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.15	1
Naphthalene	ND		ug/kg	5.6	0.91	1
n-Propylbenzene	ND		ug/kg	1.4	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.8	0.27	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.8	0.47	1
Methyl Acetate	ND		ug/kg	5.6	1.3	1
Cyclohexane	ND		ug/kg	14	0.76	1
Freon-113	ND		ug/kg	5.6	0.97	1
Methyl cyclohexane	ND		ug/kg	5.6	0.85	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-06	Date Collected:	09/19/23 12:45
Client ID:	TRC-SB-04 (12-14)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07
Client ID: TRC-SD-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/23/23 19:15
Analyst: AJK
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.6	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.21	1
Dibromochloromethane	ND		ug/kg	1.6	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.44	1
Tetrachloroethene	0.52	J	ug/kg	0.83	0.32	1
Chlorobenzene	ND		ug/kg	0.83	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.6	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.42	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.28	1
Bromodichloromethane	ND		ug/kg	0.83	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.26	1
Bromoform	ND		ug/kg	6.6	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.27	1
Benzene	ND		ug/kg	0.83	0.27	1
Toluene	ND		ug/kg	1.6	0.90	1
Ethylbenzene	ND		ug/kg	1.6	0.23	1
Chloromethane	ND		ug/kg	6.6	1.5	1
Bromomethane	ND		ug/kg	3.3	0.96	1
Vinyl chloride	ND		ug/kg	1.6	0.55	1
Chloroethane	ND		ug/kg	3.3	0.75	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.83	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07 Date Collected: 09/19/23 12:00

Client ID: TRC-SD-01 Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.93	1
o-Xylene	ND		ug/kg	1.6	0.48	1
Xylenes, Total	ND		ug/kg	1.6	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.29	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	ND		ug/kg	16	8.0	1
Carbon disulfide	ND		ug/kg	16	7.5	1
2-Butanone	ND		ug/kg	16	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.1	1
2-Hexanone	ND		ug/kg	16	2.0	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.46	1
n-Butylbenzene	ND		ug/kg	1.6	0.28	1
sec-Butylbenzene	ND		ug/kg	1.6	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.18	1
Naphthalene	ND		ug/kg	6.6	1.1	1
n-Propylbenzene	ND		ug/kg	1.6	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.53	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.45	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.55	1
Methyl Acetate	ND		ug/kg	6.6	1.6	1
Cyclohexane	ND		ug/kg	16	0.90	1
Freon-113	ND		ug/kg	6.6	1.1	1
Methyl cyclohexane	ND		ug/kg	6.6	1.0	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-07	Date Collected:	09/19/23 12:00
Client ID:	TRC-SD-01	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 10:48
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07 Batch: WG1831705-5					
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
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
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 10:48
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07 Batch: WG1831705-5					
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
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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
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
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 10:48
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-07 Batch: WG1831705-5					
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds			
Total TIC Compounds	8.91	J	ug/kg
Unknown	2.02	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	4.85	NJ	ug/kg
Unknown	2.04	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07 Batch: WG1831705-3 WG1831705-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	94		94		70-130	0		30
Chloroform	96		96		70-130	0		30
Carbon tetrachloride	91		90		70-130	1		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	110		112		70-130	2		30
1,1,2-Trichloroethane	100		101		70-130	1		30
Tetrachloroethene	103		102		70-130	1		30
Chlorobenzene	101		100		70-130	1		30
Trichlorofluoromethane	94		93		70-139	1		30
1,2-Dichloroethane	98		100		70-130	2		30
1,1,1-Trichloroethane	99		99		70-130	0		30
Bromodichloromethane	103		104		70-130	1		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	105		106		70-130	1		30
Bromoform	112		116		70-130	4		30
1,1,2,2-Tetrachloroethane	100		101		70-130	1		30
Benzene	95		95		70-130	0		30
Toluene	87		87		70-130	0		30
Ethylbenzene	95		93		70-130	2		30
Chloromethane	86		81		52-130	6		30
Bromomethane	92		86		57-147	7		30
Vinyl chloride	90		87		67-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07 Batch: WG1831705-3 WG1831705-4								
Chloroethane	92		89		50-151	3		30
1,1-Dichloroethene	95		95		65-135	0		30
trans-1,2-Dichloroethene	96		96		70-130	0		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	104		104		70-130	0		30
1,3-Dichlorobenzene	104		102		70-130	2		30
1,4-Dichlorobenzene	104		102		70-130	2		30
Methyl tert butyl ether	112		115		66-130	3		30
p/m-Xylene	95		93		70-130	2		30
o-Xylene	100		99		70-130	1		30
cis-1,2-Dichloroethene	96		97		70-130	1		30
Styrene	100		99		70-130	1		30
Dichlorodifluoromethane	86		84		30-146	2		30
Acetone	112		114		54-140	2		30
Carbon disulfide	85		84		59-130	1		30
2-Butanone	105		110		70-130	5		30
4-Methyl-2-pentanone	102		106		70-130	4		30
2-Hexanone	101		106		70-130	5		30
Bromochloromethane	107		108		70-130	1		30
1,2-Dibromoethane	110		112		70-130	2		30
n-Butylbenzene	94		91		70-130	3		30
sec-Butylbenzene	95		93		70-130	2		30
tert-Butylbenzene	96		95		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-07 Batch: WG1831705-3 WG1831705-4								
1,2-Dibromo-3-chloropropane	99		102		68-130	3		30
Isopropylbenzene	94		94		70-130	0		30
p-Isopropyltoluene	98		95		70-130	3		30
Naphthalene	120		125		70-130	4		30
n-Propylbenzene	94		93		70-130	1		30
1,2,3-Trichlorobenzene	126		128		70-130	2		30
1,2,4-Trichlorobenzene	121		121		70-130	0		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	98		97		70-130	1		30
Methyl Acetate	108		113		51-146	5		30
Cyclohexane	87		86		59-142	1		30
Freon-113	93		91		50-139	2		30
Methyl cyclohexane	85		83		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	98		101		70-130

SEMIVOLATILES

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 07:47
Analyst: CMM
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	160		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	4100		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	110	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	140	J	ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	1700		ug/kg	120	22.	1
Benzo(a)pyrene	2400		ug/kg	160	48.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01 Date Collected: 09/19/23 09:35

Client ID: TRC-SB-06 (1-4) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2800		ug/kg	120	34.	1
Benzo(k)fluoranthene	940		ug/kg	120	32.	1
Chrysene	1800		ug/kg	120	21.	1
Acenaphthylene	50	J	ug/kg	160	31.	1
Anthracene	360		ug/kg	120	39.	1
Benzo(ghi)perylene	1900		ug/kg	160	23.	1
Fluorene	170	J	ug/kg	200	19.	1
Phenanthrene	2400		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	380		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	160	28.	1
Pyrene	3500		ug/kg	120	20.	1
Biphenyl	26	J	ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	110	J	ug/kg	200	19.	1
2-Methylnaphthalene	100	J	ug/kg	240	24.	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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	260		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01 Date Collected: 09/19/23 09:35

Client ID: TRC-SB-06 (1-4) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Tentatively Identified Compounds				
Total TIC Compounds	8200	J	ug/kg	1
Unknown PAH	192	J	ug/kg	1
Unknown	251	J	ug/kg	1
Unknown PAH	162	J	ug/kg	1
Unknown PAH	432	J	ug/kg	1
Unknown PAH	518	J	ug/kg	1
Unknown PAH	1740	J	ug/kg	1
Unknown Thiophene	174	J	ug/kg	1
Unknown	196	J	ug/kg	1
Unknown PAH	331	J	ug/kg	1
Unknown PAH	364	J	ug/kg	1
Unknown PAH	378	J	ug/kg	1
Unknown PAH	625	J	ug/kg	1
Unknown	559	J	ug/kg	1
Unknown Ketone	664	J	ug/kg	1
Unknown	325	J	ug/kg	1
Unknown PAH	411	J	ug/kg	1
Unknown PAH	514	J	ug/kg	1
Unknown Thiophene	162	J	ug/kg	1
Unknown	197	J	ug/kg	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-01	Date Collected:	09/19/23 09:35
Client ID:	TRC-SB-06 (1-4)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	58		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-02
Client ID: TRC-SB-06 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 09:44
Analyst: CMM
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	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
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	110	J	ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	84	J	ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	54	J	ug/kg	130	24.	1
Benzo(a)pyrene	76	J	ug/kg	170	52.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-02 Date Collected: 09/19/23 10:00

Client ID: TRC-SB-06 (11-13) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	80	J	ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	56	J	ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	57	J	ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	83	J	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	59	J	ug/kg	170	30.	1
Pyrene	100	J	ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	28.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	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	40.	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	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-02	Date Collected:	09/19/23 10:00
Client ID:	TRC-SB-06 (11-13)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	64.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	60		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03
Client ID: TRC-SB-01 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 10/04/23 12:43
Analyst: AC
Percent Solids: 97%

Extraction Method: EPA 1633
Extraction Date: 09/27/23 16:00
Cleanup Method: EPA 1633
Cleanup Date: 09/28/23

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)	ND		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	0.382	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

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-03	Date Collected:	09/19/23 10:25
Client ID:	TRC-SB-01 (1-4)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, 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)	105		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	112		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)	97		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	94		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	121		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		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)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**165**	Q	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)	87		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	80		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	58		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	43		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	70		20-150

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03 D
Client ID: TRC-SB-01 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 17:22
Analyst: IM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	7200		ug/kg	2700	350	20
Hexachlorobenzene	ND		ug/kg	2000	380	20
Bis(2-chloroethyl)ether	ND		ug/kg	3100	460	20
2-Chloronaphthalene	ND		ug/kg	3400	340	20
3,3'-Dichlorobenzidine	ND		ug/kg	3400	910	20
2,4-Dinitrotoluene	ND		ug/kg	3400	680	20
2,6-Dinitrotoluene	ND		ug/kg	3400	580	20
Fluoranthene	63000		ug/kg	2000	390	20
4-Chlorophenyl phenyl ether	ND		ug/kg	3400	360	20
4-Bromophenyl phenyl ether	ND		ug/kg	3400	520	20
Bis(2-chloroisopropyl)ether	ND		ug/kg	4100	580	20
Bis(2-chloroethoxy)methane	ND		ug/kg	3700	340	20
Hexachlorobutadiene	ND		ug/kg	3400	500	20
Hexachlorocyclopentadiene	ND		ug/kg	9800	3100	20
Hexachloroethane	ND		ug/kg	2700	550	20
Isophorone	ND		ug/kg	3100	440	20
Naphthalene	7100		ug/kg	3400	420	20
Nitrobenzene	ND		ug/kg	3100	500	20
NDPA/DPA	ND		ug/kg	2700	390	20
n-Nitrosodi-n-propylamine	ND		ug/kg	3400	530	20
Bis(2-ethylhexyl)phthalate	ND		ug/kg	3400	1200	20
Butyl benzyl phthalate	ND		ug/kg	3400	860	20
Di-n-butylphthalate	ND		ug/kg	3400	650	20
Di-n-octylphthalate	ND		ug/kg	3400	1200	20
Diethyl phthalate	ND		ug/kg	3400	320	20
Dimethyl phthalate	ND		ug/kg	3400	720	20
Benzo(a)anthracene	27000		ug/kg	2000	380	20
Benzo(a)pyrene	25000		ug/kg	2700	830	20

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03 D Date Collected: 09/19/23 10:25

Client ID: TRC-SB-01 (1-4) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	33000		ug/kg	2000	570	20
Benzo(k)fluoranthene	9300		ug/kg	2000	540	20
Chrysene	27000		ug/kg	2000	350	20
Acenaphthylene	ND		ug/kg	2700	530	20
Anthracene	15000		ug/kg	2000	660	20
Benzo(ghi)perylene	15000		ug/kg	2700	400	20
Fluorene	8800		ug/kg	3400	330	20
Phenanthrene	79000		ug/kg	2000	410	20
Dibenzo(a,h)anthracene	3400		ug/kg	2000	390	20
Indeno(1,2,3-cd)pyrene	16000		ug/kg	2700	480	20
Pyrene	50000		ug/kg	2000	340	20
Biphenyl	1000	J	ug/kg	7800	440	20
4-Chloroaniline	ND		ug/kg	3400	620	20
2-Nitroaniline	ND		ug/kg	3400	660	20
3-Nitroaniline	ND		ug/kg	3400	640	20
4-Nitroaniline	ND		ug/kg	3400	1400	20
Dibenzofuran	7300		ug/kg	3400	320	20
2-Methylnaphthalene	4100		ug/kg	4100	410	20
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	3400	360	20
Acetophenone	ND		ug/kg	3400	420	20
2,4,6-Trichlorophenol	ND		ug/kg	2000	650	20
p-Chloro-m-cresol	ND		ug/kg	3400	510	20
2-Chlorophenol	ND		ug/kg	3400	400	20
2,4-Dichlorophenol	ND		ug/kg	3100	550	20
2,4-Dimethylphenol	ND		ug/kg	3400	1100	20
2-Nitrophenol	ND		ug/kg	7400	1300	20
4-Nitrophenol	ND		ug/kg	4800	1400	20
2,4-Dinitrophenol	ND		ug/kg	16000	1600	20
4,6-Dinitro-o-cresol	ND		ug/kg	8900	1600	20
Pentachlorophenol	ND		ug/kg	2700	750	20
Phenol	ND		ug/kg	3400	520	20
2-Methylphenol	ND		ug/kg	3400	530	20
3-Methylphenol/4-Methylphenol	ND		ug/kg	4900	530	20
2,4,5-Trichlorophenol	ND		ug/kg	3400	650	20
Carbazole	9600		ug/kg	3400	330	20
Atrazine	ND		ug/kg	2700	1200	20
Benzaldehyde	ND		ug/kg	4500	920	20

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03 D Date Collected: 09/19/23 10:25

Client ID: TRC-SB-01 (1-4) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	3400	1000	20
2,3,4,6-Tetrachlorophenol	ND		ug/kg	3400	690	20
1,4-Dioxane	ND		ug/kg	510	160	20

Tentatively Identified Compounds				
Total TIC Compounds	121000	J	ug/kg	20
Unknown PAH	3880	J	ug/kg	20
Unknown PAH	3690	J	ug/kg	20
Unknown	7380	J	ug/kg	20
Unknown PAH	4050	J	ug/kg	20
Unknown PAH	5470	J	ug/kg	20
Unknown PAH	3320	J	ug/kg	20
Unknown PAH	5450	J	ug/kg	20
Unknown PAH	16600	J	ug/kg	20
Unknown	10400	J	ug/kg	20
Unknown PAH	3100	J	ug/kg	20
Unknown PAH	6040	J	ug/kg	20
Unknown	3530	J	ug/kg	20
Unknown	6160	J	ug/kg	20
Unknown	6820	J	ug/kg	20
Unknown PAH	5380	J	ug/kg	20
Unknown Ketone	11600	J	ug/kg	20
Unknown	3880	J	ug/kg	20
Unknown Ketone	3950	J	ug/kg	20
Unknown PAH	4520	J	ug/kg	20
Unknown Thiophene	5470	J	ug/kg	20

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-03 D	Date Collected:	09/19/23 10:25
Client ID:	TRC-SB-01 (1-4)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	25-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
2,4,6-Tribromophenol	**0**	Q	10-136
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-04
Client ID: TRC-SB-01 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 07:00
Analyst: CMM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	19	J	ug/kg	140	18.	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
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	290		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
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	100		ug/kg	100	19.	1
Benzo(a)pyrene	110	J	ug/kg	140	42.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-04 Date Collected: 09/19/23 10:45

Client ID: TRC-SB-01 (10-12) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	130		ug/kg	100	29.	1
Benzo(k)fluoranthene	54	J	ug/kg	100	27.	1
Chrysene	110		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	42	J	ug/kg	100	33.	1
Benzo(ghi)perylene	79	J	ug/kg	140	20.	1
Fluorene	23	J	ug/kg	170	16.	1
Phenanthrene	270		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	95	J	ug/kg	140	24.	1
Pyrene	220		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	19	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	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
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	36	J	ug/kg	170	16.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	220	46.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-04	Date Collected:	09/19/23 10:45
Client ID:	TRC-SB-01 (10-12)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**24**	Q	25-120
Phenol-d6	55		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	14		10-136
4-Terphenyl-d14	53		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05
Client ID: TRC-SB-04 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 05:03
Analyst: CMM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	25	J	ug/kg	150	20.	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
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	33.	1
Fluoranthene	410		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	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	170		ug/kg	110	21.	1
Benzo(a)pyrene	190		ug/kg	150	46.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05 Date Collected: 09/19/23 12:25

Client ID: TRC-SB-04 (1-4) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	200		ug/kg	110	32.	1
Benzo(k)fluoranthene	81	J	ug/kg	110	30.	1
Chrysene	170		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	47	J	ug/kg	110	37.	1
Benzo(ghi)perylene	120	J	ug/kg	150	22.	1
Fluorene	21	J	ug/kg	190	18.	1
Phenanthrene	300		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	29	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	26.	1
Pyrene	380		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	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	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	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	270	78.	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
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	29	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-05	Date Collected:	09/19/23 12:25
Client ID:	TRC-SB-04 (1-4)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	64		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-06
Client ID: TRC-SB-04 (12-14)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 04:16
Analyst: CMM
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 12:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	29	J	ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-06 Date Collected: 09/19/23 12:45

Client ID: TRC-SB-04 (12-14) Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	25	J	ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	27.	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	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	77.	1
Benzaldehyde	ND		ug/kg	290	60.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-06	Date Collected:	09/19/23 12:45
Client ID:	TRC-SB-04 (12-14)	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	49		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07
Client ID: TRC-SD-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/21/23 08:57
Analyst: CMM
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 12:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	150	J	ug/kg	190	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	4700		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	88	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	190	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	340		ug/kg	230	81.	1
Butyl benzyl phthalate	2000		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	79.	1
Diethyl phthalate	ND		ug/kg	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	2500		ug/kg	140	26.	1
Benzo(a)pyrene	2400		ug/kg	190	57.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07 Date Collected: 09/19/23 12:00

Client ID: TRC-SD-01 Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2900		ug/kg	140	39.	1
Benzo(k)fluoranthene	1000		ug/kg	140	37.	1
Chrysene	2400		ug/kg	140	24.	1
Acenaphthylene	180	J	ug/kg	190	36.	1
Anthracene	590		ug/kg	140	45.	1
Benzo(ghi)perylene	1500		ug/kg	190	27.	1
Fluorene	170	J	ug/kg	230	23.	1
Phenanthrene	2200		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	400		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	190	32.	1
Pyrene	4200		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	530	30.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	96.	1
Dibenzofuran	110	J	ug/kg	230	22.	1
2-Methylnaphthalene	100	J	ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	42	J	ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	500	88.	1
4-Nitrophenol	ND		ug/kg	330	95.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	45.	1
Carbazole	280		ug/kg	230	23.	1
Atrazine	ND		ug/kg	190	82.	1
Benzaldehyde	ND		ug/kg	310	63.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07 Date Collected: 09/19/23 12:00

Client ID: TRC-SD-01 Date Received: 09/19/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	230	71.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	47.	1
1,4-Dioxane	ND		ug/kg	35	11.	1

Tentatively Identified Compounds				
Total TIC Compounds	774	J	ug/kg	1
Unknown PAH	470	J	ug/kg	1
Unknown Siloxane	304	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	47		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	36		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-08
Client ID: TRC-SB-DUP-02
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 144,1633
Analytical Date: 10/04/23 12:56
Analyst: AC
Percent Solids: 98%

Extraction Method: EPA 1633
Extraction Date: 09/27/23 16:00
Cleanup Method: EPA 1633
Cleanup Date: 09/28/23

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)	ND		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)	0.084	JF	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

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID:	L2354808-08	Date Collected:	09/19/23 00:00
Client ID:	TRC-SB-DUP-02	Date Received:	09/19/23
Sample Location:	257 FRANKLIN STREET, 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)	78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**154**	Q	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)	63		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	100		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)	143		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		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)	71		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**178**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	93		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	77		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	81		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	92		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	65		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	49		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	49		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	72		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68		20-150

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 23:58
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 02:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1829790-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 23:58
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 02:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1829790-1					
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	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 23:58
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 09/20/23 02:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1829790-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	63		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/04/23 11:27
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 09/27/23 16:00
Cleanup Method: EPA 1633
Cleanup Date: 09/28/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03,08 Batch: WG1832623-1					
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

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/04/23 11:27
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 09/27/23 16:00
Cleanup Method: EPA 1633
Cleanup Date: 09/28/23

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 03,08 Batch: WG1832623-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	76		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	142		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)	79		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		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)	130		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		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)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**181**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		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)	69		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	87		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	62		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	46		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	64		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1829790-2 WG1829790-3								
Acenaphthene	64		66		31-137	3		50
Hexachlorobenzene	55		59		40-140	7		50
Bis(2-chloroethyl)ether	59		65		40-140	10		50
2-Chloronaphthalene	62		66		40-140	6		50
3,3'-Dichlorobenzidine	59		60		40-140	2		50
2,4-Dinitrotoluene	72		75		40-132	4		50
2,6-Dinitrotoluene	67		72		40-140	7		50
Fluoranthene	63		65		40-140	3		50
4-Chlorophenyl phenyl ether	62		66		40-140	6		50
4-Bromophenyl phenyl ether	60		61		40-140	2		50
Bis(2-chloroisopropyl)ether	48		53		40-140	10		50
Bis(2-chloroethoxy)methane	66		73		40-117	10		50
Hexachlorobutadiene	58		63		40-140	8		50
Hexachlorocyclopentadiene	66		71		40-140	7		50
Hexachloroethane	61		69		40-140	12		50
Isophorone	68		75		40-140	10		50
Naphthalene	61		65		40-140	6		50
Nitrobenzene	67		75		40-140	11		50
NDPA/DPA	66		68		36-157	3		50
n-Nitrosodi-n-propylamine	68		76		32-121	11		50
Bis(2-ethylhexyl)phthalate	71		74		40-140	4		50
Butyl benzyl phthalate	69		71		40-140	3		50
Di-n-butylphthalate	76		78		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1829790-2 WG1829790-3								
Di-n-octylphthalate	72		74		40-140	3		50
Diethyl phthalate	69		72		40-140	4		50
Dimethyl phthalate	64		67		40-140	5		50
Benzo(a)anthracene	64		66		40-140	3		50
Benzo(a)pyrene	69		72		40-140	4		50
Benzo(b)fluoranthene	62		66		40-140	6		50
Benzo(k)fluoranthene	63		64		40-140	2		50
Chrysene	61		63		40-140	3		50
Acenaphthylene	70		73		40-140	4		50
Anthracene	64		67		40-140	5		50
Benzo(ghi)perylene	65		66		40-140	2		50
Fluorene	66		70		40-140	6		50
Phenanthrene	62		63		40-140	2		50
Dibenzo(a,h)anthracene	64		66		40-140	3		50
Indeno(1,2,3-cd)pyrene	71		72		40-140	1		50
Pyrene	62		64		35-142	3		50
Biphenyl	64		68		37-127	6		50
4-Chloroaniline	65		68		40-140	5		50
2-Nitroaniline	72		73		47-134	1		50
3-Nitroaniline	68		67		26-129	1		50
4-Nitroaniline	66		70		41-125	6		50
Dibenzofuran	64		67		40-140	5		50
2-Methylnaphthalene	64		68		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1829790-2 WG1829790-3								
1,2,4,5-Tetrachlorobenzene	62		67		40-117	8		50
Acetophenone	65		71		14-144	9		50
2,4,6-Trichlorophenol	70		73		30-130	4		50
p-Chloro-m-cresol	70		74		26-103	6		50
2-Chlorophenol	64		73		25-102	13		50
2,4-Dichlorophenol	68		75		30-130	10		50
2,4-Dimethylphenol	69		75		30-130	8		50
2-Nitrophenol	80		88		30-130	10		50
4-Nitrophenol	75		78		11-114	4		50
2,4-Dinitrophenol	75		82		4-130	9		50
4,6-Dinitro-o-cresol	81		82		10-130	1		50
Pentachlorophenol	62		64		17-109	3		50
Phenol	66		72		26-90	9		50
2-Methylphenol	67		74		30-130.	10		50
3-Methylphenol/4-Methylphenol	69		74		30-130	7		50
2,4,5-Trichlorophenol	67		70		30-130	4		50
Carbazole	66		68		54-128	3		50
Atrazine	78		83		40-140	6		50
Benzaldehyde	74		80		40-140	8		50
Caprolactam	64		67		15-130	5		50
2,3,4,6-Tetrachlorophenol	66		70		40-140	6		50
1,4-Dioxane	50		54		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1829790-2 WG1829790-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		73		25-120
Phenol-d6	64		71		10-120
Nitrobenzene-d5	67		77		23-120
2-Fluorobiphenyl	61		65		30-120
2,4,6-Tribromophenol	60		60		10-136
4-Terphenyl-d14	56		58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,08 Batch: WG1832623-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	118		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	104		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	88		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	124		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	126		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	111		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	122		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	99		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	116		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	113		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	139		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	116		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	112		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	130		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	125		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	114		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	126		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	105		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	101		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,08 Batch: WG1832623-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	98				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	101				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	148				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)	84				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)	130				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)	80				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**168**	Q			20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	98				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)	84				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	48				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	88				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	50				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	47				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	65				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,08 Batch: WG1832623-3								
Perfluorobutanoic Acid (PFBA)	129		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	127		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	90		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	124		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	111		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	147		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	141		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	119		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	128		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	107		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	136		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	143		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	117		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	**172**	Q	-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	118		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	132		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	133		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	128		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	135		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 03,08 Batch: WG1832623-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	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)	77				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	100				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)	83				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	57				20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	76				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)	67				20-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	106				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)	121				20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	123				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)	96				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	134				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	60				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89				20-150

PETROLEUM HYDROCARBONS

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/21/23 10:13
Analyst: SC
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 13:12

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	77000		ug/kg	39000	2100	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	57		40-140

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/25/23 09:40
Analyst: BAD
Percent Solids: 83%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1500	J	ug/kg	4100	79.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	87		70-130
4-Bromofluorobenzene	77		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/20/23 08:32
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/20/23 02:34

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 01 Batch: WG1829501-1					
DRO (C10-C28)	3600	J	ug/kg	32000	1800

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/25/23 09:11
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 01 Batch: WG1831531-10					
Gasoline Range Organics	710	J	ug/kg	2500	48.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	93		70-130
4-Bromofluorobenzene	87		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 01 Batch: WG1829501-2								
DRO (C10-C28)	72		-		60-140	-		

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	66				40-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 01 Batch: WG1831531-8 WG1831531-9								
Gasoline Range Organics	103		103		80-120	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	115		114		70-130
4-Bromofluorobenzene	105		105		70-130

PCBS

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 06:28
Analyst: ENT
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.3	5.26	1	A
Aroclor 1221	ND		ug/kg	59.3	5.94	1	A
Aroclor 1232	ND		ug/kg	59.3	12.6	1	A
Aroclor 1242	ND		ug/kg	59.3	7.99	1	A
Aroclor 1248	ND		ug/kg	59.3	8.89	1	A
Aroclor 1254	ND		ug/kg	59.3	6.49	1	A
Aroclor 1260	ND		ug/kg	59.3	11.0	1	B
Aroclor 1262	ND		ug/kg	59.3	7.53	1	A
Aroclor 1268	ND		ug/kg	59.3	6.14	1	A
PCBs, Total	ND		ug/kg	59.3	5.26	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	40		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-02
Client ID: TRC-SB-06 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 06:38
Analyst: ENT
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	64.3	5.71	1	A
Aroclor 1221	ND		ug/kg	64.3	6.44	1	A
Aroclor 1232	ND		ug/kg	64.3	13.6	1	A
Aroclor 1242	ND		ug/kg	64.3	8.67	1	A
Aroclor 1248	ND		ug/kg	64.3	9.65	1	A
Aroclor 1254	ND		ug/kg	64.3	7.04	1	A
Aroclor 1260	ND		ug/kg	64.3	11.9	1	A
Aroclor 1262	ND		ug/kg	64.3	8.17	1	A
Aroclor 1268	ND		ug/kg	64.3	6.66	1	A
PCBs, Total	ND		ug/kg	64.3	5.71	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03
Client ID: TRC-SB-01 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 06:48
Analyst: ENT
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	47.1	4.18	1	A
Aroclor 1221	ND		ug/kg	47.1	4.72	1	A
Aroclor 1232	ND		ug/kg	47.1	9.99	1	A
Aroclor 1242	ND		ug/kg	47.1	6.35	1	A
Aroclor 1248	ND		ug/kg	47.1	7.07	1	A
Aroclor 1254	ND		ug/kg	47.1	5.16	1	A
Aroclor 1260	ND		ug/kg	47.1	8.71	1	B
Aroclor 1262	ND		ug/kg	47.1	5.99	1	A
Aroclor 1268	ND		ug/kg	47.1	4.88	1	A
PCBs, Total	ND		ug/kg	47.1	4.18	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	47		30-150	B
Decachlorobiphenyl	45		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-04
Client ID: TRC-SB-01 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 06:58
Analyst: ENT
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.1	4.45	1	A
Aroclor 1221	ND		ug/kg	50.1	5.02	1	A
Aroclor 1232	ND		ug/kg	50.1	10.6	1	A
Aroclor 1242	ND		ug/kg	50.1	6.75	1	A
Aroclor 1248	ND		ug/kg	50.1	7.52	1	A
Aroclor 1254	ND		ug/kg	50.1	5.48	1	A
Aroclor 1260	ND		ug/kg	50.1	9.26	1	A
Aroclor 1262	ND		ug/kg	50.1	6.36	1	A
Aroclor 1268	ND		ug/kg	50.1	5.19	1	A
PCBs, Total	ND		ug/kg	50.1	4.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05
Client ID: TRC-SB-04 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 07:08
Analyst: ENT
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.0	4.88	1	A
Aroclor 1221	ND		ug/kg	55.0	5.51	1	A
Aroclor 1232	ND		ug/kg	55.0	11.6	1	A
Aroclor 1242	ND		ug/kg	55.0	7.41	1	A
Aroclor 1248	ND		ug/kg	55.0	8.24	1	A
Aroclor 1254	ND		ug/kg	55.0	6.01	1	A
Aroclor 1260	ND		ug/kg	55.0	10.2	1	A
Aroclor 1262	ND		ug/kg	55.0	6.98	1	A
Aroclor 1268	ND		ug/kg	55.0	5.69	1	A
PCBs, Total	ND		ug/kg	55.0	4.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-06
Client ID: TRC-SB-04 (12-14)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/22/23 00:38
Analyst: ENT
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 09/21/23 13:25
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.7	5.48	1	A
Aroclor 1221	ND		ug/kg	61.7	6.18	1	A
Aroclor 1232	ND		ug/kg	61.7	13.1	1	A
Aroclor 1242	ND		ug/kg	61.7	8.32	1	A
Aroclor 1248	ND		ug/kg	61.7	9.26	1	A
Aroclor 1254	ND		ug/kg	61.7	6.75	1	A
Aroclor 1260	ND		ug/kg	61.7	11.4	1	A
Aroclor 1262	ND		ug/kg	61.7	7.84	1	A
Aroclor 1268	ND		ug/kg	61.7	6.39	1	A
PCBs, Total	ND		ug/kg	61.7	5.48	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07
Client ID: TRC-SD-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/21/23 07:28
Analyst: ENT
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	66.7	5.93	1	A
Aroclor 1221	ND		ug/kg	66.7	6.69	1	A
Aroclor 1232	ND		ug/kg	66.7	14.1	1	A
Aroclor 1242	ND		ug/kg	66.7	9.00	1	A
Aroclor 1248	ND		ug/kg	66.7	10.0	1	A
Aroclor 1254	ND		ug/kg	66.7	7.30	1	A
Aroclor 1260	104		ug/kg	66.7	12.3	1	A
Aroclor 1262	ND		ug/kg	66.7	8.48	1	A
Aroclor 1268	ND		ug/kg	66.7	6.91	1	A
PCBs, Total	104		ug/kg	66.7	5.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/21/23 05:49
Analyst: ENT

Extraction Method: EPA 3546
Extraction Date: 09/20/23 14:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/20/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05,07 Batch: WG1829852-1						
Aroclor 1016	ND		ug/kg	49.9	4.43	A
Aroclor 1221	ND		ug/kg	49.9	5.00	A
Aroclor 1232	ND		ug/kg	49.9	10.6	A
Aroclor 1242	ND		ug/kg	49.9	6.73	A
Aroclor 1248	ND		ug/kg	49.9	7.48	A
Aroclor 1254	ND		ug/kg	49.9	5.46	A
Aroclor 1260	ND		ug/kg	49.9	9.22	A
Aroclor 1262	ND		ug/kg	49.9	6.34	A
Aroclor 1268	ND		ug/kg	49.9	5.17	A
PCBs, Total	ND		ug/kg	49.9	4.43	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/21/23 23:30
Analyst: ENT

Extraction Method: EPA 3546
Extraction Date: 09/21/23 10:20
Cleanup Method: EPA 3665A
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06 Batch: WG1830264-1						
Aroclor 1016	ND		ug/kg	47.6	4.22	A
Aroclor 1221	ND		ug/kg	47.6	4.77	A
Aroclor 1232	ND		ug/kg	47.6	10.1	A
Aroclor 1242	ND		ug/kg	47.6	6.41	A
Aroclor 1248	ND		ug/kg	47.6	7.14	A
Aroclor 1254	ND		ug/kg	47.6	5.20	A
Aroclor 1260	ND		ug/kg	47.6	8.79	A
Aroclor 1262	ND		ug/kg	47.6	6.04	A
Aroclor 1268	ND		ug/kg	47.6	4.93	A
PCBs, Total	ND		ug/kg	47.6	4.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05,07 Batch: WG1829852-2 WG1829852-3									
Aroclor 1016	73		72		40-140	1		50	A
Aroclor 1260	71		71		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		75		30-150	A
Decachlorobiphenyl	79		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		77		30-150	B
Decachlorobiphenyl	73		73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06 Batch: WG1830264-2 WG1830264-3									
Aroclor 1016	81		89		40-140	9		50	A
Aroclor 1260	72		80		40-140	11		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		80		30-150	A
Decachlorobiphenyl	66		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		83		30-150	B
Decachlorobiphenyl	68		75		30-150	B

PESTICIDES

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/21/23 17:07
Analyst: ER
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:36
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

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	0.794	0.355	1	A
Alpha-BHC	ND		ug/kg	0.794	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	0.794	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	5.30		ug/kg	1.90	0.440	1	B
4,4'-DDD	10.1		ug/kg	1.90	0.679	1	A
4,4'-DDT	2.71		ug/kg	1.90	1.53	1	B
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	0.794	0.378	1	A
Methoxychlor	ND		ug/kg	3.57	1.11	1	A
Toxaphene	ND		ug/kg	35.7	10.0	1	A
cis-Chlordane	ND		ug/kg	2.38	0.663	1	A
trans-Chlordane	ND		ug/kg	2.38	0.628	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 21:49
Analyst: EJL
Percent Solids: 83%
Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	198	5.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	95		30-150	A
DCAA	97		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03
Client ID: TRC-SB-01 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/21/23 17:18
Analyst: ER
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:36
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

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	0.299	1	A
Alpha-BHC	ND		ug/kg	0.670	0.190	1	A
Beta-BHC	ND		ug/kg	1.61	0.609	1	A
Heptachlor	ND		ug/kg	0.804	0.360	1	A
Aldrin	ND		ug/kg	1.61	0.566	1	A
Heptachlor epoxide	ND		ug/kg	3.01	0.904	1	A
Endrin	ND		ug/kg	0.670	0.274	1	A
Endrin aldehyde	ND		ug/kg	2.01	0.703	1	A
Endrin ketone	ND		ug/kg	1.61	0.414	1	A
Dieldrin	ND		ug/kg	1.00	0.502	1	A
4,4'-DDE	23.3		ug/kg	1.61	0.372	1	B
4,4'-DDD	0.835	J	ug/kg	1.61	0.573	1	B
4,4'-DDT	20.1		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	0.537	1	A
Endosulfan sulfate	ND		ug/kg	0.670	0.319	1	A
Methoxychlor	ND		ug/kg	3.01	0.938	1	A
Toxaphene	ND		ug/kg	30.1	8.44	1	A
cis-Chlordane	ND		ug/kg	2.01	0.560	1	A
trans-Chlordane	ND		ug/kg	2.01	0.530	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03
Client ID: TRC-SB-01 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 22:08
Analyst: EJL
Percent Solids: 97%
Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	169	4.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	98		30-150	A
DCAA	99		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05
Client ID: TRC-SB-04 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/21/23 17:30
Analyst: ER
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:36
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.76	0.344	1	A
Lindane	ND		ug/kg	0.731	0.327	1	A
Alpha-BHC	ND		ug/kg	0.731	0.208	1	A
Beta-BHC	ND		ug/kg	1.76	0.665	1	A
Heptachlor	ND		ug/kg	0.878	0.393	1	A
Aldrin	ND		ug/kg	1.76	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.987	1	A
Endrin	ND		ug/kg	0.731	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.768	1	A
Endrin ketone	ND		ug/kg	1.76	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	ND		ug/kg	1.76	0.406	1	A
4,4'-DDD	ND		ug/kg	1.76	0.626	1	A
4,4'-DDT	ND		ug/kg	1.76	1.41	1	A
Endosulfan I	ND		ug/kg	1.76	0.415	1	A
Endosulfan II	ND		ug/kg	1.76	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.731	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.21	1	A
cis-Chlordane	ND		ug/kg	2.19	0.611	1	A
trans-Chlordane	ND		ug/kg	2.19	0.579	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05
Client ID: TRC-SB-04 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 22:26
Analyst: EJL
Percent Solids: 86%
Methylation Date: 09/23/23 23:45

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	193	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	74		30-150	A
DCAA	73		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07
Client ID: TRC-SD-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/21/23 20:05
Analyst: ER
Percent Solids: 70%

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:36
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.26	0.443	1	A
Lindane	ND		ug/kg	0.944	0.422	1	A
Alpha-BHC	ND		ug/kg	0.944	0.268	1	A
Beta-BHC	ND		ug/kg	2.26	0.858	1	A
Heptachlor	ND		ug/kg	1.13	0.508	1	A
Aldrin	ND		ug/kg	2.26	0.797	1	A
Heptachlor epoxide	ND		ug/kg	4.24	1.27	1	A
Endrin	ND		ug/kg	0.944	0.387	1	A
Endrin aldehyde	ND		ug/kg	2.83	0.991	1	A
Endrin ketone	ND		ug/kg	2.26	0.583	1	A
Dieldrin	ND		ug/kg	1.42	0.708	1	A
4,4'-DDE	2.37		ug/kg	2.26	0.524	1	A
4,4'-DDD	ND		ug/kg	2.26	0.808	1	A
4,4'-DDT	13.6		ug/kg	2.26	1.82	1	A
Endosulfan I	ND		ug/kg	2.26	0.535	1	A
Endosulfan II	ND		ug/kg	2.26	0.757	1	A
Endosulfan sulfate	ND		ug/kg	0.944	0.449	1	A
Methoxychlor	ND		ug/kg	4.24	1.32	1	A
Toxaphene	ND		ug/kg	42.4	11.9	1	A
cis-Chlordane	1.11	J	ug/kg	2.83	0.789	1	B
trans-Chlordane	1.82	JIP	ug/kg	2.83	0.747	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07
Client ID: TRC-SD-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/24/23 14:40
Analyst: EJL
Percent Solids: 70%
Methylation Date: 09/23/23 22:21

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	236	6.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	90		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/21/23 13:53
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 09/20/23 15:36
Cleanup Method: EPA 3620B
Cleanup Date: 09/21/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/21/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1829880-1						
Delta-BHC	ND		ug/kg	1.51	0.296	A
Lindane	ND		ug/kg	0.629	0.281	A
Alpha-BHC	ND		ug/kg	0.629	0.179	A
Beta-BHC	ND		ug/kg	1.51	0.573	A
Heptachlor	ND		ug/kg	0.755	0.338	A
Aldrin	ND		ug/kg	1.51	0.532	A
Heptachlor epoxide	ND		ug/kg	2.83	0.850	A
Endrin	ND		ug/kg	0.629	0.258	A
Endrin aldehyde	ND		ug/kg	1.89	0.661	A
Endrin ketone	ND		ug/kg	1.51	0.389	A
Dieldrin	ND		ug/kg	0.944	0.472	A
4,4'-DDE	ND		ug/kg	1.51	0.349	A
4,4'-DDD	ND		ug/kg	1.51	0.539	A
4,4'-DDT	ND		ug/kg	1.51	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.357	A
Endosulfan II	ND		ug/kg	1.51	0.505	A
Endosulfan sulfate	ND		ug/kg	0.629	0.300	A
Methoxychlor	ND		ug/kg	2.83	0.881	A
Toxaphene	ND		ug/kg	28.3	7.93	A
cis-Chlordane	ND		ug/kg	1.89	0.526	A
trans-Chlordane	ND		ug/kg	1.89	0.498	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/24/23 12:50
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 09/22/23 11:45

Methylation Date: 09/23/23 22:21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1830807-1						
2,4,5-TP (Silvex)	ND		ug/kg	166	4.40	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	84		30-150	A
DCAA	90		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1829880-2 WG1829880-3									
Delta-BHC	86		85		30-150	1		30	A
Lindane	76		77		30-150	1		30	A
Alpha-BHC	79		80		30-150	1		30	A
Beta-BHC	89		87		30-150	2		30	A
Heptachlor	75		77		30-150	3		30	A
Aldrin	76		76		30-150	0		30	A
Heptachlor epoxide	76		77		30-150	1		30	A
Endrin	81		82		30-150	1		30	A
Endrin aldehyde	63		68		30-150	8		30	A
Endrin ketone	84		88		30-150	5		30	A
Dieldrin	86		88		30-150	2		30	A
4,4'-DDE	80		81		30-150	1		30	A
4,4'-DDD	87		89		30-150	2		30	A
4,4'-DDT	86		88		30-150	2		30	A
Endosulfan I	78		79		30-150	1		30	A
Endosulfan II	83		86		30-150	4		30	A
Endosulfan sulfate	77		79		30-150	3		30	A
Methoxychlor	74		78		30-150	5		30	A
cis-Chlordane	84		85		30-150	1		30	A
trans-Chlordane	92		93		30-150	1		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1829880-2 WG1829880-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		66		30-150	A
Decachlorobiphenyl	86		87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		65		30-150	B
Decachlorobiphenyl	85		87		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1830807-2 WG1830807-3									
2,4,5-TP (Silvex)	84		95		30-150	12		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		82		30-150	A
DCAA	92		92		30-150	B

METALS

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.27	0.173	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.72		mg/kg	0.454	0.095	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Barium, Total	98.9		mg/kg	0.454	0.079	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.787		mg/kg	0.227	0.015	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.454	0.045	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Chromium, Total	31.2		mg/kg	0.454	0.044	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Copper, Total	22.8		mg/kg	0.454	0.117	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Lead, Total	18.7		mg/kg	2.27	0.122	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Manganese, Total	474		mg/kg	0.454	0.072	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.075	0.049	1	09/21/23 08:25	09/23/23 14:45	EPA 7471B	1,7471B	GMG
Nickel, Total	22.2		mg/kg	1.14	0.110	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	0.909	0.117	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.227	0.129	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Thallium, Total	5.26		mg/kg	0.909	0.143	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC
Zinc, Total	95.9		mg/kg	2.27	0.133	1	09/21/23 06:40	09/21/23 16:01	EPA 3050B	1,6010D	MRC

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-02
Client ID: TRC-SB-06 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:00
Date Received: 09/19/23
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											
Antimony, Total	ND		mg/kg	2.53	0.192	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.68		mg/kg	0.505	0.105	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Barium, Total	102		mg/kg	0.505	0.088	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.782		mg/kg	0.253	0.017	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.505	0.050	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Chromium, Total	30.7		mg/kg	0.505	0.049	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Copper, Total	26.4		mg/kg	0.505	0.130	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Lead, Total	11.4		mg/kg	2.53	0.135	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Manganese, Total	380		mg/kg	0.505	0.080	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.082	0.053	1	09/21/23 08:25	09/23/23 15:02	EPA 7471B	1,7471B	GMG
Nickel, Total	23.3		mg/kg	1.26	0.122	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.01	0.130	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.253	0.143	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Thallium, Total	5.93		mg/kg	1.01	0.159	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC
Zinc, Total	106		mg/kg	2.53	0.148	1	09/21/23 06:40	09/21/23 15:58	EPA 3050B	1,6010D	MRC

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03
Client ID: TRC-SB-01 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:25
Date Received: 09/19/23
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											
Antimony, Total	0.667	J	mg/kg	1.99	0.151	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Arsenic, Total	5.26		mg/kg	0.398	0.083	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Barium, Total	59.4		mg/kg	0.398	0.069	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.455		mg/kg	0.199	0.013	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Cadmium, Total	0.169	J	mg/kg	0.398	0.039	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Chromium, Total	13.5		mg/kg	0.398	0.038	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Copper, Total	27.1		mg/kg	0.398	0.103	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Lead, Total	55.7		mg/kg	1.99	0.107	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Manganese, Total	313		mg/kg	0.398	0.063	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Mercury, Total	0.096		mg/kg	0.065	0.042	1	09/21/23 08:25	09/23/23 15:05	EPA 7471B	1,7471B	GMG
Nickel, Total	13.6		mg/kg	0.995	0.096	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Selenium, Total	0.170	J	mg/kg	0.796	0.103	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.199	0.113	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Thallium, Total	1.50		mg/kg	0.796	0.125	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC
Zinc, Total	93.3		mg/kg	1.99	0.116	1	09/21/23 06:40	09/21/23 16:27	EPA 3050B	1,6010D	MRC

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-04
Client ID: TRC-SB-01 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:45
Date Received: 09/19/23
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											
Antimony, Total	ND		mg/kg	2.02	0.153	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Arsenic, Total	1.35		mg/kg	0.404	0.084	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Barium, Total	47.4		mg/kg	0.404	0.070	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.431		mg/kg	0.202	0.013	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.404	0.040	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Chromium, Total	13.1		mg/kg	0.404	0.039	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Copper, Total	17.8		mg/kg	0.404	0.104	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Lead, Total	9.02		mg/kg	2.02	0.108	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Manganese, Total	362		mg/kg	0.404	0.064	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.066	0.043	1	09/21/23 08:25	09/23/23 15:08	EPA 7471B	1,7471B	GMG
Nickel, Total	10.7		mg/kg	1.01	0.098	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	0.807	0.104	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Silver, Total	0.145	J	mg/kg	0.202	0.114	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Thallium, Total	2.29		mg/kg	0.807	0.127	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC
Zinc, Total	37.7		mg/kg	2.02	0.118	1	09/21/23 06:40	09/21/23 16:30	EPA 3050B	1,6010D	MRC

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05
Client ID: TRC-SB-04 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:25
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	15.6		mg/kg	2.25	0.171	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Arsenic, Total	23.2		mg/kg	0.450	0.094	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Barium, Total	168		mg/kg	0.450	0.078	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.717		mg/kg	0.225	0.015	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Cadmium, Total	1.13		mg/kg	0.450	0.044	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Chromium, Total	19.6		mg/kg	0.450	0.043	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Copper, Total	267		mg/kg	0.450	0.116	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Lead, Total	879		mg/kg	2.25	0.120	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Manganese, Total	313		mg/kg	0.450	0.072	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Mercury, Total	0.151		mg/kg	0.073	0.048	1	09/21/23 08:25	09/23/23 15:18	EPA 7471B	1,7471B	GMG
Nickel, Total	29.6		mg/kg	1.12	0.109	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Selenium, Total	0.654	J	mg/kg	0.900	0.116	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Silver, Total	0.945		mg/kg	0.225	0.127	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Thallium, Total	0.829	J	mg/kg	0.900	0.142	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC
Zinc, Total	586		mg/kg	2.25	0.132	1	09/21/23 06:40	09/21/23 16:34	EPA 3050B	1,6010D	MRC

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-06
Client ID: TRC-SB-04 (12-14)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:45
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.56	0.194	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Arsenic, Total	4.36		mg/kg	0.511	0.106	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Barium, Total	132		mg/kg	0.511	0.089	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Beryllium, Total	1.28		mg/kg	0.256	0.017	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.511	0.050	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Chromium, Total	44.3		mg/kg	0.511	0.049	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Copper, Total	30.5		mg/kg	0.511	0.132	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Lead, Total	23.8		mg/kg	2.56	0.137	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Manganese, Total	484		mg/kg	0.511	0.081	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Mercury, Total	ND		mg/kg	0.085	0.056	1	09/21/23 08:25	09/23/23 15:22	EPA 7471B	1,7471B	GMG
Nickel, Total	27.7		mg/kg	1.28	0.124	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Selenium, Total	ND		mg/kg	1.02	0.132	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Silver, Total	ND		mg/kg	0.256	0.145	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Thallium, Total	7.02		mg/kg	1.02	0.161	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC
Zinc, Total	139		mg/kg	2.56	0.150	1	09/21/23 06:40	09/21/23 16:37	EPA 3050B	1,6010D	MRC

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2354808
Project Number: 549782
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07
Client ID: TRC-SD-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:00
Date Received: 09/19/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	5.91		mg/kg	2.78	0.211	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Arsenic, Total	47.2		mg/kg	0.556	0.116	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Barium, Total	137		mg/kg	0.556	0.097	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Beryllium, Total	0.531		mg/kg	0.278	0.018	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Cadmium, Total	2.49		mg/kg	0.556	0.054	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Chromium, Total	43.4		mg/kg	0.556	0.053	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Copper, Total	138		mg/kg	0.556	0.143	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Lead, Total	890		mg/kg	2.78	0.149	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Manganese, Total	463		mg/kg	0.556	0.088	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Mercury, Total	0.546		mg/kg	0.090	0.059	1	09/21/23 08:25	09/23/23 15:25	EPA 7471B	1,7471B	GMG
Nickel, Total	23.4		mg/kg	1.39	0.134	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Selenium, Total	0.817	J	mg/kg	1.11	0.143	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Silver, Total	0.780		mg/kg	0.278	0.157	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Thallium, Total	2.88		mg/kg	1.11	0.175	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC
Zinc, Total	478		mg/kg	2.78	0.163	1	09/21/23 06:40	09/21/23 16:40	EPA 3050B	1,6010D	MRC

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1830061-1										
Antimony, Total	ND		mg/kg	2.00	0.152	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Barium, Total	ND		mg/kg	0.400	0.070	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Copper, Total	ND		mg/kg	0.400	0.103	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Lead, Total	ND		mg/kg	2.00	0.107	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Silver, Total	ND		mg/kg	0.200	0.113	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/21/23 06:40	09/21/23 15:45	1,6010D	MRC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG1830062-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/21/23 08:25	09/23/23 14:39	1,7471B	GMG

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1830061-2 SRM Lot Number: D119-540								
Antimony, Total	153		-		10-190	-		
Arsenic, Total	99		-		83-117	-		
Barium, Total	104		-		82-118	-		
Beryllium, Total	101		-		83-117	-		
Cadmium, Total	98		-		82-117	-		
Chromium, Total	105		-		82-119	-		
Copper, Total	97		-		84-116	-		
Lead, Total	99		-		82-118	-		
Manganese, Total	98		-		82-118	-		
Nickel, Total	103		-		82-117	-		
Selenium, Total	100		-		79-121	-		
Silver, Total	107		-		80-120	-		
Thallium, Total	102		-		81-119	-		
Zinc, Total	104		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG1830062-2 SRM Lot Number: D119-540								
Mercury, Total	100		-		73-127	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

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): 01-07 QC Batch ID: WG1830061-3 QC Sample: L2354808-01 Client ID: TRC-SB-06 (1-4)												
Antimony, Total	ND	46.1	36.7	80		-	-		75-125	-		20
Arsenic, Total	1.72	11.1	16.8	**136**	Q	-	-		75-125	-		20
Barium, Total	98.9	184	255	85		-	-		75-125	-		20
Beryllium, Total	0.787	4.61	4.87	88		-	-		75-125	-		20
Cadmium, Total	ND	4.89	3.96	81		-	-		75-125	-		20
Chromium, Total	31.2	18.4	46.4	82		-	-		75-125	-		20
Copper, Total	22.8	23	42.8	87		-	-		75-125	-		20
Lead, Total	18.7	48.9	69.8	104		-	-		75-125	-		20
Manganese, Total	474	46.1	512	82		-	-		75-125	-		20
Nickel, Total	22.2	46.1	57.8	77		-	-		75-125	-		20
Selenium, Total	ND	11.1	14.8	**134**	Q	-	-		75-125	-		20
Silver, Total	ND	4.61	4.24	92		-	-		75-125	-		20
Thallium, Total	5.26	11.1	19.1	125		-	-		75-125	-		20
Zinc, Total	95.9	46.1	128	**70**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1830062-3 QC Sample: L2354808-01 Client ID: TRC-SB-06 (1-4)												
Mercury, Total	ND	1.5	1.51	100		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1830061-4 QC Sample: L2354808-01 Client ID: TRC-SB-06 (1-4)						
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	1.72	1.74	mg/kg	1		20
Barium, Total	98.9	104	mg/kg	5		20
Beryllium, Total	0.787	0.854	mg/kg	8		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	31.2	32.8	mg/kg	5		20
Copper, Total	22.8	23.8	mg/kg	4		20
Lead, Total	18.7	11.2	mg/kg	**50**	Q	20
Manganese, Total	474	486	mg/kg	3		20
Nickel, Total	22.2	23.4	mg/kg	5		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Thallium, Total	5.26	6.14	mg/kg	15		20
Zinc, Total	95.9	101	mg/kg	5		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1830062-4 QC Sample: L2354808-01 Client ID: TRC-SB-06 (1-4)						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-01
Client ID: TRC-SB-06 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 09:35
Date Received: 09/19/23
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	83.4		%	0.100	NA	1	-	09/20/23 10:57	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	09/23/23 10:00	09/25/23 13:13	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.959	0.192	1	09/21/23 13:45	09/25/23 11:15	1,7196A	DTH

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-02
Client ID: TRC-SB-06 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:00
Date Received: 09/19/23
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	76.9		%	0.100	NA	1	-	09/20/23 10:57	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	09/23/23 10:00	09/25/23 13:23	1,9010C/9012B	JER
Chromium, Hexavalent	0.234	J	mg/kg	1.04	0.208	1	09/21/23 13:45	09/25/23 11:15	1,7196A	DTH

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-03
Client ID: TRC-SB-01 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:25
Date Received: 09/19/23
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	97.4		%	0.100	NA	1	-	09/20/23 10:57	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.99	0.21	1	09/23/23 10:00	09/25/23 13:26	1,9010C/9012B	JER
Chromium, Hexavalent	0.174	J	mg/kg	0.821	0.164	1	09/21/23 13:45	09/25/23 11:15	1,7196A	DTH

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-04
Client ID: TRC-SB-01 (10-12)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 10:45
Date Received: 09/19/23
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	95.5		%	0.100	NA	1	-	09/20/23 10:57	121,2540G	ROI
Cyanide, Total	0.25	J	mg/kg	0.97	0.20	1	09/23/23 10:00	09/25/23 13:27	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.838	0.168	1	09/21/23 13:45	09/25/23 11:15	1,7196A	DTH

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-05
Client ID: TRC-SB-04 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:25
Date Received: 09/19/23
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	86.0		%	0.100	NA	1	-	09/20/23 10:57	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/23/23 10:00	09/25/23 13:28	1,9010C/9012B	JER
Chromium, Hexavalent	0.209	J	mg/kg	0.930	0.186	1	09/21/23 13:45	09/25/23 11:15	1,7196A	DTH

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-06
Client ID: TRC-SB-04 (12-14)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:45
Date Received: 09/19/23
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	74.4		%	0.100	NA	1	-	09/20/23 10:57	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	09/23/23 10:00	09/25/23 13:29	1,9010C/9012B	JER
Chromium, Hexavalent	0.659	J	mg/kg	1.08	0.215	1	09/21/23 13:45	09/25/23 11:15	1,7196A	DTH

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-07
Client ID: TRC-SD-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 12:00
Date Received: 09/19/23
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	69.5		%	0.100	NA	1	-	09/20/23 10:57	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.4	0.30	1	09/23/23 10:00	09/25/23 13:30	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.15	0.230	1	09/21/23 13:45	09/25/23 11:15	1,7196A	DTH

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

SAMPLE RESULTS

Lab ID: L2354808-08
Client ID: TRC-SB-DUP-02
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/19/23 00:00
Date Received: 09/19/23
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 - Mansfield Lab										
Solids, Total	97.6		%	0.100	0.100	1	-	09/20/23 16:02	121,2540G	CLF

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2354808

Project Number: 549782 **Report Date:** 10/06/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1830223-1										
Chromium, Hexavalent	ND		mg/kg	0.800	0.160	1	09/21/23 13:45	09/25/23 11:15	1,7196A	DTH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1831047-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	09/23/23 10:00	09/25/23 13:02	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02-07 Batch: WG1831048-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	09/23/23 10:00	09/25/23 13:02	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1830223-2								
Chromium, Hexavalent	**78**	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1831047-2 WG1831047-3								
Cyanide, Total	90		92		80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 02-07 Batch: WG1831048-2 WG1831048-3								
Cyanide, Total	90		92		80-120	2		35

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

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): 01-07 QC Batch ID: WG1830223-4 QC Sample: L2354808-01 Client ID: TRC-SB-06 (1-4)												
Chromium, Hexavalent	ND	1310	1310	100		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1831047-4 WG1831047-5 QC Sample: L2354789-01 Client ID: MS Sample												
Cyanide, Total	ND	12	12	100		13	110		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 02-07 QC Batch ID: WG1831048-4 WG1831048-5 QC Sample: L2354808-02 Client ID: TRC-SB-06 (11-13)												
Cyanide, Total	ND	12	13	110		13	100		75-125	10		35

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2354808

Report Date: 10/06/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Mansfield Lab Associated sample(s): 08 QC Batch ID: WG1828889-1 QC Sample: L2354069-01 Client ID: DUP Sample						
Solids, Total	80.4	81.1	%	1		10
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1829589-1 QC Sample: L2354736-01 Client ID: DUP Sample						
Solids, Total	83.6	82.1	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1830223-6 QC Sample: L2354808-01 Client ID: TRC-SB-06 (1-4)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20

Project Name: 257 FRANKLIN ST. PHASE II ESI
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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354808-01A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-01B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-01C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-01D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L2354808-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2354808-01F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-01G	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-01H	Vial Large Septa unpreserved (4oz)	A	NA		4.4	Y	Absent		TPH-GRO(14)
L2354808-01J	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-01K	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),TPH-DRO(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-01X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		TPH-GRO(14),NYTCL-8260HLW(14)
L2354808-01Y	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-01Z	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-02A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-02B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-02C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-02D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354808-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-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),HG-T(28),MN-TI(180),CD-TI(180)
L2354808-02F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-02G	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-02H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-02X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-02Y	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-02Z	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-03A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-03B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-03C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-03D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L2354808-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2354808-03F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-03G	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-03H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-03K	Plastic 8oz unpreserved	A	NA		4.4	Y	Absent		A2-1633-DRAFT(90)
L2354808-03L	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L2354808-03X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-03Y	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-03Z	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-04A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-04B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354808-04C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-04D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L2354808-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2354808-04F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-04G	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-04H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-04X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-04Y	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-04Z	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-05A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-05B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-05C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-05D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L2354808-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2354808-05F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-05G	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-05H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-05X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-05Y	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-05Z	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-06A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-06B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354808-06C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-06D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L2354808-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2354808-06F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-06G	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-06H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-06X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-06X1	Vial MeOH preserved split	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-06Y	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-06Z	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-07A	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-07B	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-07C	5 gram Encore Sampler	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-07D	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		TS(7)
L2354808-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.4	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2354808-07F	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-07G	Glass 120ml/4oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-07H	Glass 250ml/8oz unpreserved	A	NA		4.4	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365),HEXCR-7196(30)
L2354808-07X	Vial MeOH preserved split	A	NA		4.4	Y	Absent		NYTCL-8260HLW(14)
L2354808-07Y	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-07Z	Vial Water preserved split	A	NA		4.4	Y	Absent	20-SEP-23 06:44	NYTCL-8260HLW(14)
L2354808-08A	Plastic 2oz unpreserved for TS	A	NA		4.4	Y	Absent		A2-TS(7)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2354808
Report Date: 10/06/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354808-08B	Plastic 8oz unpreserved	A	NA		4.4	Y	Absent		A2-1633-DRAFT(90)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2354808
Report Date: 10/06/23

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

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Project Number: 549782

Lab Number: L2354808

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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:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2354808
Project Number:	549782	**Report Date:**	10/06/23

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2354808
Project Number:	549782	**Report Date:**	10/06/23

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

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2354808
Project Number:	549782	**Report Date:**	10/06/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.)

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2354808
Project Number:	549782	**Report Date:**	10/06/23

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.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL
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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 9/20/23

ALPHA Job #: L2354808

Client Information

Client: TRC Engineers, Inc.
Address: 1430 Broadway 10th Floor
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: sambrose@trccompanies.com

Project Information

Project Name: 257 Franklin St Phase II ESI
Project Location: 257 Franklin Street, Brooklyn, NY
Project #: 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 Day

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other

Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☑ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # 206477

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT-B Deliverables. TAL Metals - (less Al, Ca, Co, Fe, K, Mg, Ma, and V.) No herb/Pest analysis for SB-06(11-15); SB-01(10-12) and SB-04 (12-14)

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL and CP-51 VOCs +TICs	TCL and CP-51 SVOCs +TICs	TAL Metals + Hexavalent Chromium + Cyanide	TCL PCBs	TCL Herbicides and Pesticides	TPH DRO/GRO	PFAS 1633	Lead by 6010C	Sample Specific Comments	Total Bottles
54808-01	TRC-SB-06(1-4)	9/19	0935	Soil	MK/HD	X	X	X	X	X	X				
-02	TRC-SB-06(11-15)	9/19	1000	Soil	MK/HD	X	X	X	X						
-03	TRC-SB-01(1-4)	9/19	1025	Soil	MK/HD	X	X	X	X	X		X			
-04	TRC-SB-01(10-12)	9/19	1045	Soil	MK/HD	X	X	X	X						
-05	TRC-SB-04(1-4)	9/19	1225	Soil	MK/HD	X	X	X	X	X					
-06	TRC-SB-04(12-14)	9/19	1245	Soil	MK/HD	X	X	X	X						
-07	TRC-SD-01	9/19	1200	Soil	MK/HD	X	X	X	X	X					
-08	TRC-SB-DUP-02	9/19	—	Soil	MK/HD							X			
				Soil	MK/HD										
				Soil	MK/HD										
					Container Type	E	A	A	A	A	A	P			
					Preservative	A	A	A	A	A	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/19 1415	MPZN ALPHA	9/19 14:15
MPZN ALPHA	9/19 19:10	MS MA(AA)	9/19 19:10
MS MA(AA)		[illegible]	9/19 22:00
[illegible]	9/20 00:15		9/20/23 0015

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.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2355233
Client:	TRC Environmental Corp 1430 Broadway 10th Floor New York, NY 10018
ATTN:	Sam Ambrose
Phone:	(212) 221-7822
Project Name:	257 FRANKLIN ST PHASE II ESI
Project Number:	549782
Report Date:	10/16/23

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).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2355233-01	TRC-SB-07 (1-4)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 07:50	09/20/23
L2355233-02	TRC-SB-07 (11-13)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 08:05	09/20/23
L2355233-03	TRC-SB-08 (1-4)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 08:50	09/20/23
L2355233-04	TRC-SB-08 (11.5-13.5)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 09:20	09/20/23
L2355233-05	TRC-SB-05 (1-4)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 10:45	09/20/23
L2355233-06	TRC-SB-05 (11-13)	SOIL	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 11:00	09/20/23
L2355233-07	TRC-GW-06	WATER	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 13:35	09/20/23
L2355233-08	TRC-GW-01	WATER	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 12:25	09/20/23
L2355233-09	TRC-GW-08	WATER	257 FRANKLIN STREET, BROOKLYN,NY	09/20/23 15:30	09/20/23

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2355233
Project Number:	549782	**Report Date:**	10/16/23

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.

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2355233
Project Number:	549782	**Report Date:**	10/16/23

Case Narrative (continued)

Report Revision

October 16, 2023: The Volatile Organics reporting list has been corrected on L2355233-07, -08, and -09 to include Tetrachloroethene.

Report Submission

October 06, 2023: This final report includes the results of all requested analyses.

Report Revision

October 05, 2023: This is a preliminary report. The analyte lists for the following analyses have been amended:

L2355233-01 through -05: Volatile and Semivolatile Organics

L2355233-01, -03, -05, and -07: Pesticides and Hebicides

L2355233-07, -08, and -09: Total and Dissolved Metals

Report Submission

September 29, 2023: This is a preliminary report.

September 28, 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

L2355233-09: The collection time was specified by the client.

Semivolatile Organics

L2355233-09: The sample has elevated detection limits due to limited sample volume available for analysis.

The WG1831418-2/-3 LCS/LCSD recoveries, associated with L2355233-08 and -09, are below the acceptance criteria for benzidine (1%/3%); however, it has been identified as a "difficult" analyte. The results of

Project Name:	257 FRANKLIN ST PHASE II ESI	**Lab Number:**	L2355233
Project Number:	549782	**Report Date:**	10/16/23

Case Narrative (continued)

the associated samples are reported.

Perfluorinated Alkyl Acids by 1633

L2355233-07 and WG1834819-1: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

The WG1834819-2 LCS recovery, associated with L2355233-07, is above the acceptance criteria for 1h,1h,2h,2h-perfluorooctanesulfonic acid (6:2fts) (170%); however, the associated sample is non-detect to the RL for this target analyte. The results of the original analysis are reported.

Dissolved Metals

L2355233-07: The dissolved result is greater than the total result for copper. The sample containers were verified as being labeled correctly by the laboratory, and aliquots were analyzed from each bottle, confirming the original results.

Hexavalent Chromium

L2355233-09: The sample was analyzed with the method required holding time exceeded.

The WG1830957-2 LCS recovery for chromium, hexavalent (74%), associated with L2355233-01 through -06, 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/16/23

ORGANICS

VOLATILES

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01
Client ID: TRC-SB-07 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 07:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/23 15:21
Analyst: JIC
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.9	4.1	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.41	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.22	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	ND		ug/kg	0.89	0.35	1
Chlorobenzene	ND		ug/kg	0.89	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.1	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.46	1
1,1,1-Trichloroethane	ND		ug/kg	0.89	0.30	1
Bromodichloromethane	ND		ug/kg	0.89	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.49	1
cis-1,3-Dichloropropene	ND		ug/kg	0.89	0.28	1
Bromoform	ND		ug/kg	7.1	0.44	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.89	0.30	1
Benzene	ND		ug/kg	0.89	0.30	1
Toluene	ND		ug/kg	1.8	0.97	1
Ethylbenzene	ND		ug/kg	1.8	0.25	1
Chloromethane	ND		ug/kg	7.1	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.60	1
Chloroethane	ND		ug/kg	3.6	0.81	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.24	1
Trichloroethene	ND		ug/kg	0.89	0.24	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01 Date Collected: 09/20/23 07:50

Client ID: TRC-SB-07 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.30	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.52	1
Xylenes, Total	ND		ug/kg	1.8	0.52	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.31	1
Styrene	ND		ug/kg	1.8	0.35	1
Dichlorodifluoromethane	ND		ug/kg	18	1.6	1
Acetone	18		ug/kg	18	8.6	1
Carbon disulfide	ND		ug/kg	18	8.1	1
2-Butanone	7.2	J	ug/kg	18	4.0	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.50	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1.8	1
Isopropylbenzene	ND		ug/kg	1.8	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.19	1
Naphthalene	ND		ug/kg	7.1	1.2	1
n-Propylbenzene	ND		ug/kg	1.8	0.30	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.58	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.48	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.34	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.60	1
Methyl Acetate	ND		ug/kg	7.1	1.7	1
Cyclohexane	ND		ug/kg	18	0.97	1
Freon-113	ND		ug/kg	7.1	1.2	1
Methyl cyclohexane	ND		ug/kg	7.1	1.1	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-01	Date Collected:	09/20/23 07:50
Client ID:	TRC-SB-07 (1-4)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	9.93	J	ug/kg			1
Unknown	9.93	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	93		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-02
Client ID: TRC-SB-07 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:05
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/23 15:48
Analyst: JIC
Percent Solids: 82%

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
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
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-02 Date Collected: 09/20/23 08:05

Client ID: TRC-SB-07 (11-13) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
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
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	14		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	5.3	J	ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	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
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
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.59	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-02	Date Collected:	09/20/23 08:05
Client ID:	TRC-SB-07 (11-13)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	9.78	J	ug/kg			1
Unknown	6.17	J	ug/kg			1
Unknown	3.61	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	91		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03
Client ID: TRC-SB-08 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/23 16:15
Analyst: JIC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.5	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.22	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.19	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.40	1
Tetrachloroethene	0.99		ug/kg	0.75	0.29	1
Chlorobenzene	ND		ug/kg	0.75	0.19	1
Trichlorofluoromethane	ND		ug/kg	6.0	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.75	0.25	1
Bromodichloromethane	ND		ug/kg	0.75	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.41	1
cis-1,3-Dichloropropene	ND		ug/kg	0.75	0.24	1
Bromoform	ND		ug/kg	6.0	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.75	0.25	1
Benzene	ND		ug/kg	0.75	0.25	1
Toluene	ND		ug/kg	1.5	0.81	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	6.0	1.4	1
Bromomethane	ND		ug/kg	3.0	0.87	1
Vinyl chloride	ND		ug/kg	1.5	0.50	1
Chloroethane	ND		ug/kg	3.0	0.68	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	ND		ug/kg	0.75	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.22	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03 Date Collected: 09/20/23 08:50

Client ID: TRC-SB-08 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.26	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.84	1
o-Xylene	ND		ug/kg	1.5	0.44	1
Xylenes, Total	ND		ug/kg	1.5	0.44	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	10	J	ug/kg	15	7.2	1
Carbon disulfide	ND		ug/kg	15	6.8	1
2-Butanone	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.8	1
Bromochloromethane	ND		ug/kg	3.0	0.31	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.42	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	6.0	0.97	1
n-Propylbenzene	ND		ug/kg	1.5	0.26	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.41	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.29	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.50	1
Methyl Acetate	ND		ug/kg	6.0	1.4	1
Cyclohexane	ND		ug/kg	15	0.81	1
Freon-113	ND		ug/kg	6.0	1.0	1
Methyl cyclohexane	ND		ug/kg	6.0	0.90	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-03	Date Collected:	09/20/23 08:50
Client ID:	TRC-SB-08 (1-4)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	8.91	J	ug/kg			1
Unknown	8.91	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	93		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04
Client ID: TRC-SB-08 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 09:20
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/23 16:43
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	7.4	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.21	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.74	0.29	1
Chlorobenzene	ND		ug/kg	0.74	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.74	0.25	1
Bromodichloromethane	ND		ug/kg	0.74	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.74	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.74	0.24	1
Benzene	ND		ug/kg	0.74	0.24	1
Toluene	0.92	J	ug/kg	1.5	0.80	1
Ethylbenzene	ND		ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	3.0	0.86	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	3.0	0.67	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1
Trichloroethene	ND		ug/kg	0.74	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	3.0	0.21	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04 Date Collected: 09/20/23 09:20

Client ID: TRC-SB-08 (11.5-13.5) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	3.0	0.25	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.30	1
p/m-Xylene	ND		ug/kg	3.0	0.83	1
o-Xylene	ND		ug/kg	1.5	0.43	1
Xylenes, Total	ND		ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.4	1
Acetone	9.4	J	ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.3	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	3.0	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
n-Butylbenzene	ND		ug/kg	1.5	0.25	1
sec-Butylbenzene	ND		ug/kg	1.5	0.22	1
tert-Butylbenzene	ND		ug/kg	3.0	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.96	1
n-Propylbenzene	ND		ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.0	0.48	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.0	0.40	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.0	0.28	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.0	0.49	1
Methyl Acetate	ND		ug/kg	5.9	1.4	1
Cyclohexane	ND		ug/kg	15	0.80	1
Freon-113	ND		ug/kg	5.9	1.0	1
Methyl cyclohexane	ND		ug/kg	5.9	0.89	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-04	Date Collected:	09/20/23 09:20
Client ID:	TRC-SB-08 (11.5-13.5)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	9.33	J	ug/kg			1
Unknown	9.33	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	93		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05 Date Collected: 09/20/23 10:45
Client ID: TRC-SB-05 (1-4) Date Received: 09/20/23
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/23 17:10
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	9.4	4.3	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.27	1
Chloroform	ND		ug/kg	2.8	0.26	1
Carbon tetrachloride	ND		ug/kg	1.9	0.43	1
1,2-Dichloropropane	ND		ug/kg	1.9	0.23	1
Dibromochloromethane	ND		ug/kg	1.9	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.50	1
Tetrachloroethene	ND		ug/kg	0.94	0.37	1
Chlorobenzene	ND		ug/kg	0.94	0.24	1
Trichlorofluoromethane	ND		ug/kg	7.5	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.9	0.48	1
1,1,1-Trichloroethane	ND		ug/kg	0.94	0.31	1
Bromodichloromethane	ND		ug/kg	0.94	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.9	0.51	1
cis-1,3-Dichloropropene	ND		ug/kg	0.94	0.30	1
Bromoform	ND		ug/kg	7.5	0.46	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.94	0.31	1
Benzene	ND		ug/kg	0.94	0.31	1
Toluene	ND		ug/kg	1.9	1.0	1
Ethylbenzene	ND		ug/kg	1.9	0.26	1
Chloromethane	ND		ug/kg	7.5	1.7	1
Bromomethane	ND		ug/kg	3.8	1.1	1
Vinyl chloride	ND		ug/kg	1.9	0.63	1
Chloroethane	ND		ug/kg	3.8	0.85	1
1,1-Dichloroethene	ND		ug/kg	1.9	0.45	1
trans-1,2-Dichloroethene	ND		ug/kg	2.8	0.26	1
Trichloroethene	ND		ug/kg	0.94	0.26	1
1,2-Dichlorobenzene	ND		ug/kg	3.8	0.27	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05 Date Collected: 09/20/23 10:45

Client ID: TRC-SB-05 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.8	0.28	1
1,4-Dichlorobenzene	ND		ug/kg	3.8	0.32	1
Methyl tert butyl ether	ND		ug/kg	3.8	0.38	1
p/m-Xylene	ND		ug/kg	3.8	1.0	1
o-Xylene	ND		ug/kg	1.9	0.55	1
Xylenes, Total	ND		ug/kg	1.9	0.55	1
cis-1,2-Dichloroethene	ND		ug/kg	1.9	0.33	1
Styrene	ND		ug/kg	1.9	0.37	1
Dichlorodifluoromethane	ND		ug/kg	19	1.7	1
Acetone	23		ug/kg	19	9.0	1
Carbon disulfide	ND		ug/kg	19	8.5	1
2-Butanone	7.2	J	ug/kg	19	4.2	1
4-Methyl-2-pentanone	ND		ug/kg	19	2.4	1
2-Hexanone	ND		ug/kg	19	2.2	1
Bromochloromethane	ND		ug/kg	3.8	0.38	1
1,2-Dibromoethane	ND		ug/kg	1.9	0.52	1
n-Butylbenzene	ND		ug/kg	1.9	0.31	1
sec-Butylbenzene	ND		ug/kg	1.9	0.27	1
tert-Butylbenzene	ND		ug/kg	3.8	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	1.9	1
Isopropylbenzene	ND		ug/kg	1.9	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.9	0.20	1
Naphthalene	ND		ug/kg	7.5	1.2	1
n-Propylbenzene	ND		ug/kg	1.9	0.32	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.8	0.60	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.8	0.51	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.8	0.36	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.8	0.63	1
Methyl Acetate	ND		ug/kg	7.5	1.8	1
Cyclohexane	ND		ug/kg	19	1.0	1
Freon-113	ND		ug/kg	7.5	1.3	1
Methyl cyclohexane	ND		ug/kg	7.5	1.1	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-05	Date Collected:	09/20/23 10:45
Client ID:	TRC-SB-05 (1-4)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	17.1	J	ug/kg			1
Unknown	12.0	J	ug/kg			1
Unknown	5.07	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	93		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06
Client ID: TRC-SB-05 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 11:00
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/25/23 17:37
Analyst: JIC
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.0	3.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.23	1
Chloroform	ND		ug/kg	2.4	0.22	1
Carbon tetrachloride	ND		ug/kg	1.6	0.37	1
1,2-Dichloropropane	ND		ug/kg	1.6	0.20	1
Dibromochloromethane	ND		ug/kg	1.6	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.43	1
Tetrachloroethene	ND		ug/kg	0.80	0.31	1
Chlorobenzene	ND		ug/kg	0.80	0.20	1
Trichlorofluoromethane	ND		ug/kg	6.4	1.1	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.41	1
1,1,1-Trichloroethane	ND		ug/kg	0.80	0.27	1
Bromodichloromethane	ND		ug/kg	0.80	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.44	1
cis-1,3-Dichloropropene	ND		ug/kg	0.80	0.25	1
Bromoform	ND		ug/kg	6.4	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.80	0.26	1
Benzene	ND		ug/kg	0.80	0.26	1
Toluene	0.94	J	ug/kg	1.6	0.87	1
Ethylbenzene	ND		ug/kg	1.6	0.22	1
Chloromethane	ND		ug/kg	6.4	1.5	1
Bromomethane	ND		ug/kg	3.2	0.93	1
Vinyl chloride	ND		ug/kg	1.6	0.54	1
Chloroethane	ND		ug/kg	3.2	0.72	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.22	1
Trichloroethene	ND		ug/kg	0.80	0.22	1
1,2-Dichlorobenzene	ND		ug/kg	3.2	0.23	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06 Date Collected: 09/20/23 11:00

Client ID: TRC-SB-05 (11-13) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.2	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	3.2	0.27	1
Methyl tert butyl ether	ND		ug/kg	3.2	0.32	1
p/m-Xylene	ND		ug/kg	3.2	0.90	1
o-Xylene	ND		ug/kg	1.6	0.47	1
Xylenes, Total	ND		ug/kg	1.6	0.47	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.28	1
Styrene	ND		ug/kg	1.6	0.31	1
Dichlorodifluoromethane	ND		ug/kg	16	1.5	1
Acetone	8.3	J	ug/kg	16	7.7	1
Carbon disulfide	ND		ug/kg	16	7.3	1
2-Butanone	ND		ug/kg	16	3.6	1
4-Methyl-2-pentanone	ND		ug/kg	16	2.0	1
2-Hexanone	ND		ug/kg	16	1.9	1
Bromochloromethane	ND		ug/kg	3.2	0.33	1
1,2-Dibromoethane	ND		ug/kg	1.6	0.45	1
n-Butylbenzene	ND		ug/kg	1.6	0.27	1
sec-Butylbenzene	ND		ug/kg	1.6	0.23	1
tert-Butylbenzene	ND		ug/kg	3.2	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.8	1.6	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.17	1
Naphthalene	ND		ug/kg	6.4	1.0	1
n-Propylbenzene	ND		ug/kg	1.6	0.27	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.2	0.52	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.2	0.44	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.2	0.31	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.2	0.54	1
Methyl Acetate	ND		ug/kg	6.4	1.5	1
Cyclohexane	ND		ug/kg	16	0.87	1
Freon-113	ND		ug/kg	6.4	1.1	1
Methyl cyclohexane	ND		ug/kg	6.4	0.97	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-06	Date Collected:	09/20/23 11:00
Client ID:	TRC-SB-05 (11-13)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	13.3	J	ug/kg			1
Unknown	3.44	J	ug/kg			1
Unknown	9.87	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	93		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07
Client ID: TRC-GW-06
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 13:35
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:27
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	0.89	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.38	J	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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07 Date Collected: 09/20/23 13:35

Client ID: TRC-GW-06 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-07	Date Collected:	09/20/23 13:35
Client ID:	TRC-GW-06	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	4.61	J	ug/l			1
Ethane, 1,1-Difluoro-	1.15	NJ	ug/l			1
Unknown	2.33	J	ug/l			1
Unknown	1.13	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08
Client ID: TRC-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 12:25
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:52
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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08 Date Collected: 09/20/23 12:25

Client ID: TRC-GW-01 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-08	Date Collected:	09/20/23 12:25
Client ID:	TRC-GW-01	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	2.48	J	ug/l			1
Unknown	2.48	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09 Date Collected: 09/20/23 15:30
Client ID: TRC-GW-08 Date Received: 09/20/23
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/25/23 12:17
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	1.1	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	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
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
Trichloroethene	0.18	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09 Date Collected: 09/20/23 15:30

Client ID: TRC-GW-08 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-09	Date Collected:	09/20/23 15:30
Client ID:	TRC-GW-08	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	3.60	J	ug/l			1
Unknown	3.60	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09
Client ID: TRC-GW-08
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 15:30
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 128,624.1
Analytical Date: 09/23/23 13:52
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chloroform	0.76	J	ug/l	1.0	0.38	1
Carbon tetrachloride	ND		ug/l	1.0	0.24	1
Tetrachloroethene	0.27	J	ug/l	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29	1
Benzene	ND		ug/l	1.0	0.38	1
Toluene	ND		ug/l	1.0	0.31	1
Ethylbenzene	ND		ug/l	1.0	0.28	1
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29	1
p/m-Xylene	ND		ug/l	2.0	0.30	1
o-xylene	ND		ug/l	1.0	0.34	1
Xylenes, Total	ND		ug/l	1.0	0.30	1
Methyl tert butyl Ether	ND		ug/l	10	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	86		60-140
Fluorobenzene	86		60-140
4-Bromofluorobenzene	102		60-140

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 07:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-09 Batch: WG1831568-5					
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
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
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 07:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-09 Batch: WG1831568-5					
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
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
1,2-Dibromo-3-chloropropane	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
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 07:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07-09 Batch: WG1831568-5					
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 128,624.1
Analytical Date: 09/23/23 09:45
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1831669-4					
Chloroform	ND		ug/l	1.0	0.38
Carbon tetrachloride	ND		ug/l	1.0	0.24
Tetrachloroethene	ND		ug/l	1.0	0.26
1,1,1-Trichloroethane	ND		ug/l	2.0	0.29
Benzene	ND		ug/l	1.0	0.38
Toluene	ND		ug/l	1.0	0.31
Ethylbenzene	ND		ug/l	1.0	0.28
1,4-Dichlorobenzene	ND		ug/l	5.0	0.29
p/m-Xylene	ND		ug/l	2.0	0.30
o-xylene	ND		ug/l	1.0	0.34
Xylenes, Total	ND		ug/l	1.0	0.30
Methyl tert butyl Ether	ND		ug/l	10	0.19
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.54

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Pentafluorobenzene	87		60-140
Fluorobenzene	84		60-140
4-Bromofluorobenzene	105		60-140

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1832084-5					
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
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.4	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
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1832084-5					
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
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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
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
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:35
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1832084-5					
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds			
Total TIC Compounds	15.9	J	ug/kg
Unknown	4.94	J	ug/kg
Unknown	2.90	J	ug/kg
Unknown	5.98	J	ug/kg
Cyclotrisiloxane, Hexamethyl-	2.08	NJ	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	90		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1831568-3 WG1831568-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	90		89		63-130	1		20
1,1,2-Trichloroethane	96		95		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	96		94		67-130	2		20
trans-1,3-Dichloropropene	94		92		70-130	2		20
cis-1,3-Dichloropropene	100		97		70-130	3		20
Bromoform	84		85		54-136	1		20
1,1,2,2-Tetrachloroethane	100		99		67-130	1		20
Benzene	100		99		70-130	1		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		97		70-130	3		20
Chloromethane	110		100		64-130	10		20
Bromomethane	99		96		39-139	3		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1831568-3 WG1831568-4								
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	96		92		70-130	4		20
1,2-Dichlorobenzene	99		99		70-130	0		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	98		97		63-130	1		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	96		94		58-148	2		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	91		91		63-138	0		20
4-Methyl-2-pentanone	92		89		59-130	3		20
2-Hexanone	90		88		57-130	2		20
Bromochloromethane	110		100		70-130	10		20
1,2-Dibromoethane	94		92		70-130	2		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	96		95		53-136	1		20
sec-Butylbenzene	120		120		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07-09 Batch: WG1831568-3 WG1831568-4								
tert-Butylbenzene	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	97		95		41-144	2		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	99		98		70-130	1		20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	100		110		70-130	10		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	94		92		64-130	2		20
1,2,4-Trimethylbenzene	92		91		70-130	1		20
Methyl Acetate	100		98		70-130	2		20
Cyclohexane	110		100		70-130	10		20
Freon-113	120		110		70-130	9		20
Methyl cyclohexane	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		99		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	104		105		70-130
Dibromofluoromethane	103		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1831669-3								
Chloroform	70		-		70-135	-		54
Carbon tetrachloride	70		-		70-130	-		41
Tetrachloroethene	105		-		70-130	-		39
1,1,1-Trichloroethane	70		-		70-130	-		36
Benzene	70		-		65-135	-		61
Toluene	90		-		70-130	-		41
Ethylbenzene	90		-		60-140	-		63
1,4-Dichlorobenzene	105		-		65-135	-		57
p/m-Xylene	92		-		60-140	-		30
o-xylene	95		-		60-140	-		30
Methyl tert butyl Ether	65		-		60-140	-		30
1,2,4-Trichlorobenzene	130		-		60-140	-		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Pentafluorobenzene	91				60-140
Fluorobenzene	85				60-140
4-Bromofluorobenzene	106				60-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1832084-3 WG1832084-4								
Methylene chloride	92		91		70-130	1		30
1,1-Dichloroethane	91		90		70-130	1		30
Chloroform	90		90		70-130	0		30
Carbon tetrachloride	80		78		70-130	3		30
1,2-Dichloropropane	90		89		70-130	1		30
Dibromochloromethane	92		92		70-130	0		30
1,1,2-Trichloroethane	93		92		70-130	1		30
Tetrachloroethene	94		92		70-130	2		30
Chlorobenzene	94		93		70-130	1		30
Trichlorofluoromethane	99		95		70-139	4		30
1,2-Dichloroethane	90		90		70-130	0		30
1,1,1-Trichloroethane	84		83		70-130	1		30
Bromodichloromethane	88		88		70-130	0		30
trans-1,3-Dichloropropene	98		97		70-130	1		30
cis-1,3-Dichloropropene	86		86		70-130	0		30
Bromoform	94		94		70-130	0		30
1,1,2,2-Tetrachloroethane	98		94		70-130	4		30
Benzene	89		87		70-130	2		30
Toluene	96		95		70-130	1		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	85		82		52-130	4		30
Bromomethane	90		86		57-147	5		30
Vinyl chloride	94		91		67-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1832084-3 WG1832084-4								
Chloroethane	96		94		50-151	2		30
1,1-Dichloroethene	94		93		65-135	1		30
trans-1,2-Dichloroethene	94		92		70-130	2		30
Trichloroethene	91		94		70-130	3		30
1,2-Dichlorobenzene	99		99		70-130	0		30
1,3-Dichlorobenzene	100		100		70-130	0		30
1,4-Dichlorobenzene	98		98		70-130	0		30
Methyl tert butyl ether	98		95		66-130	3		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	94		92		70-130	2		30
cis-1,2-Dichloroethene	85		85		70-130	0		30
Styrene	98		96		70-130	2		30
Dichlorodifluoromethane	85		83		30-146	2		30
Acetone	96		98		54-140	2		30
Carbon disulfide	86		84		59-130	2		30
2-Butanone	94		92		70-130	2		30
4-Methyl-2-pentanone	98		96		70-130	2		30
2-Hexanone	101		101		70-130	0		30
Bromochloromethane	86		87		70-130	1		30
1,2-Dibromoethane	98		98		70-130	0		30
n-Butylbenzene	108		105		70-130	3		30
sec-Butylbenzene	104		103		70-130	1		30
tert-Butylbenzene	103		101		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1832084-3 WG1832084-4								
1,2-Dibromo-3-chloropropane	95		95		68-130	0		30
Isopropylbenzene	102		102		70-130	0		30
p-Isopropyltoluene	102		101		70-130	1		30
Naphthalene	100		100		70-130	0		30
n-Propylbenzene	104		103		70-130	1		30
1,2,3-Trichlorobenzene	98		98		70-130	0		30
1,2,4-Trichlorobenzene	98		97		70-130	1		30
1,3,5-Trimethylbenzene	102		101		70-130	1		30
1,2,4-Trimethylbenzene	100		99		70-130	1		30
Methyl Acetate	108		108		51-146	0		30
Cyclohexane	92		89		59-142	3		30
Freon-113	97		93		50-139	4		30
Methyl cyclohexane	88		85		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		92		70-130
Toluene-d8	102		102		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	88		90		70-130

SEMIVOLATILES

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01
Client ID: TRC-SB-07 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 07:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/25/23 19:16
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 23:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250		ug/kg	150	20.	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
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	2700		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	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	110	J	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
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	1300		ug/kg	110	22.	1
Benzo(a)pyrene	1200		ug/kg	150	47.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01 Date Collected: 09/20/23 07:50

Client ID: TRC-SB-07 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1400		ug/kg	110	32.	1
Benzo(k)fluoranthene	540		ug/kg	110	31.	1
Chrysene	1400		ug/kg	110	20.	1
Acenaphthylene	110	J	ug/kg	150	30.	1
Anthracene	550		ug/kg	110	37.	1
Benzo(ghi)perylene	760		ug/kg	150	22.	1
Fluorene	240		ug/kg	190	18.	1
Phenanthrene	2700		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	160		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	800		ug/kg	150	27.	1
Pyrene	2300		ug/kg	110	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	79.	1
Dibenzofuran	160	J	ug/kg	190	18.	1
2-Methylnaphthalene	55	J	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	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
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	270		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01 Date Collected: 09/20/23 07:50

Client ID: TRC-SB-07 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Tentatively Identified Compounds				
Total TIC Compounds	4550	J	ug/kg	1
Unknown PAH	239	J	ug/kg	1
Unknown PAH	299	J	ug/kg	1
Unknown PAH	885	J	ug/kg	1
Unknown PAH	230	J	ug/kg	1
Unknown PAH	269	J	ug/kg	1
Unknown PAH	224	J	ug/kg	1
Unknown	466	J	ug/kg	1
Unknown PAH	177	J	ug/kg	1
Unknown PAH	201	J	ug/kg	1
Unknown PAH	295	J	ug/kg	1
Unknown	199	J	ug/kg	1
Unknown PAH	482	J	ug/kg	1
Unknown	178	J	ug/kg	1
Unknown PAH	235	J	ug/kg	1
Unknown PAH	174	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	71		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-02
Client ID: TRC-SB-07 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:05
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/25/23 02:43
Analyst: SZ
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 23:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-02 Date Collected: 09/20/23 08:05

Client ID: TRC-SB-07 (11-13) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	29	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	20	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-02	Date Collected:	09/20/23 08:05
Client ID:	TRC-SB-07 (11-13)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	64		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03
Client ID: TRC-SB-08 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/25/23 02:19
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 23:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	26	J	ug/kg	150	19.	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
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	200		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	48	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	280		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	98	J	ug/kg	110	21.	1
Benzo(a)pyrene	100	J	ug/kg	150	45.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03 Date Collected: 09/20/23 08:50

Client ID: TRC-SB-08 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	120		ug/kg	110	31.	1
Benzo(k)fluoranthene	43	J	ug/kg	110	30.	1
Chrysene	110		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	38	J	ug/kg	110	36.	1
Benzo(ghi)perylene	63	J	ug/kg	150	22.	1
Fluorene	21	J	ug/kg	190	18.	1
Phenanthrene	180		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	68	J	ug/kg	150	26.	1
Pyrene	180		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	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	25	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	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	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	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
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	20	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03 Date Collected: 09/20/23 08:50

Client ID: TRC-SB-08 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Tentatively Identified Compounds				
Total TIC Compounds	438	J	ug/kg	1
Unknown	438	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	65		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04
Client ID: TRC-SB-08 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 09:20
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/25/23 01:56
Analyst: SZ
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 23:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	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
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	64	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	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	220		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
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	37	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04 Date Collected: 09/20/23 09:20

Client ID: TRC-SB-08 (11.5-13.5) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	44	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	39	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	26	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	46	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	24	J	ug/kg	140	24.	1
Pyrene	55	J	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
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Carbazole	ND		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	60.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-04	Date Collected:	09/20/23 09:20
Client ID:	TRC-SB-08 (11.5-13.5)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	52.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1
Tentatively Identified Compounds						
Total TIC Compounds	294	J	ug/kg			1
Unknown Organic Acid	294	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	51		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05
Client ID: TRC-SB-05 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 10:45
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/25/23 01:32
Analyst: SZ
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 23:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	820		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	7100		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	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	510		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	180	J	ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	3400		ug/kg	120	24.	1
Benzo(a)pyrene	3500		ug/kg	170	51.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05 Date Collected: 09/20/23 10:45

Client ID: TRC-SB-05 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	4200		ug/kg	120	35.	1
Benzo(k)fluoranthene	1300		ug/kg	120	33.	1
Chrysene	3900		ug/kg	120	22.	1
Acenaphthylene	160	J	ug/kg	170	32.	1
Anthracene	1700		ug/kg	120	41.	1
Benzo(ghi)perylene	2300		ug/kg	170	24.	1
Fluorene	980		ug/kg	210	20.	1
Phenanthrene	8000		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	500		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	2500		ug/kg	170	29.	1
Pyrene	6000		ug/kg	120	21.	1
Biphenyl	97	J	ug/kg	480	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	690		ug/kg	210	20.	1
2-Methylnaphthalene	280		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	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	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	69.	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	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	960		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	280	56.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05 Date Collected: 09/20/23 10:45

Client ID: TRC-SB-05 (1-4) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1
1,4-Dioxane	ND		ug/kg	31	9.6	1

Tentatively Identified Compounds				
Total TIC Compounds	20700	J	ug/kg	1
Unknown Thiophene	973	J	ug/kg	1
Unknown PAH	850	J	ug/kg	1
Unknown PAH	851	J	ug/kg	1
Unknown PAH	1460	J	ug/kg	1
Unknown	1470	J	ug/kg	1
Unknown PAH	1070	J	ug/kg	1
Unknown PAH	424	J	ug/kg	1
Unknown Ketone	463	J	ug/kg	1
Unknown PAH	743	J	ug/kg	1
Unknown	751	J	ug/kg	1
Unknown PAH	447	J	ug/kg	1
Unknown PAH	723	J	ug/kg	1
Unknown PAH	1240	J	ug/kg	1
Unknown PAH	2310	J	ug/kg	1
Unknown PAH	421	J	ug/kg	1
Unknown PAH	622	J	ug/kg	1
Unknown	880	J	ug/kg	1
Unknown	2140	J	ug/kg	1
Unknown	2150	J	ug/kg	1
Unknown PAH	748	J	ug/kg	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-05	Date Collected:	09/20/23 10:45
Client ID:	TRC-SB-05 (1-4)	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	61		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06
Client ID: TRC-SB-05 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 11:00
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/23/23 22:52
Analyst: IM
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 23:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06 Date Collected: 09/20/23 11:00

Client ID: TRC-SB-05 (11-13) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	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	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	290	60.	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06 Date Collected: 09/20/23 11:00

Client ID: TRC-SB-05 (11-13) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1
1,4-Dioxane	ND		ug/kg	33	10.	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	63		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	57		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07
Client ID: TRC-GW-06
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 13:35
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/27/23 14:37
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/26/23 23:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	1.4	J	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
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	0.89	J	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
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

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07 Date Collected: 09/20/23 13:35

Client ID: TRC-GW-06 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds				
Total TIC Compounds	28.3	J	ug/l	1
Unknown	1.53	J	ug/l	1
Unknown Siloxane	1.56	J	ug/l	1
Unknown	4.07	J	ug/l	1
Unknown	4.36	J	ug/l	1
Unknown	1.56	J	ug/l	1
Unknown	1.64	J	ug/l	1
Unknown	2.29	J	ug/l	1
Unknown	2.54	J	ug/l	1
Unknown	4.76	J	ug/l	1
Unknown	4.00	J	ug/l	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-07	Date Collected:	09/20/23 13:35
Client ID:	TRC-GW-06	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	66		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07
Client ID: TRC-GW-06
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 13:35
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/23 11:35
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/26/23 23:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.03	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51	1
Hexachloroethane	ND		ug/l	0.80	0.06	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-07	Date Collected:	09/20/23 13:35
Client ID:	TRC-GW-06	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	65		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07
Client ID: TRC-GW-06
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 13:35
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 10/05/23 16:48
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/03/23 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	12.4		ng/l	6.20	0.992	1
Perfluoropentanoic Acid (PFPeA)	10.9		ng/l	3.10	0.829	1
Perfluorobutanesulfonic Acid (PFBS)	7.27		ng/l	1.55	0.519	1
Perfluorohexanoic Acid (PFHxA)	11.6		ng/l	1.55	0.457	1
Perfluoroheptanoic Acid (PFHpA)	8.31		ng/l	1.55	0.310	1
Perfluorohexanesulfonic Acid (PFHxS)	5.22		ng/l	1.55	0.372	1
Perfluorooctanoic Acid (PFOA)	61.1		ng/l	1.55	0.674	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.20	2.09	1
Perfluoroheptanesulfonic Acid (PFHpS)	0.488	J	ng/l	1.55	0.419	1
Perfluorononanoic Acid (PFNA)	1.15	J	ng/l	1.55	0.488	1
Perfluorooctanesulfonic Acid (PFOS)	12.3		ng/l	1.55	0.705	1
Perfluorodecanoic Acid (PFDA)	0.930	J	ng/l	1.55	0.628	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.20	2.41	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.55	0.845	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.55	0.674	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.55	0.356	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.55	0.419	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.55	0.837	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.55	0.713	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.55	0.581	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.55	0.411	1
PFOA/PFOS, Total	73.4		ng/l	1.55	0.674	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07 Date Collected: 09/20/23 13:35

Client ID: TRC-GW-06 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

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)	83		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	68		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**190**	Q	20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	89		20-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	108		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		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)	113		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		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)	83		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	132		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)	75		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	72		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	89		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	69		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	82		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	94		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	55		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		20-150

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08
Client ID: TRC-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 12:25
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/27/23 10:18
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	2.6	J	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
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
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

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08 Date Collected: 09/20/23 12:25

Client ID: TRC-GW-01 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08 Date Collected: 09/20/23 12:25

Client ID: TRC-GW-01 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	48.7	J	ug/l			1
Unknown	2.76	J	ug/l			1
Unknown	5.93	J	ug/l			1
Unknown Siloxane	2.51	J	ug/l			1
Unknown	3.45	J	ug/l			1
Unknown Alcohol	2.94	J	ug/l			1
Unknown	1.56	J	ug/l			1
Unknown Siloxane	2.33	J	ug/l			1
Unknown	3.20	J	ug/l			1
Unknown	3.42	J	ug/l			1
Unknown	1.56	J	ug/l			1
Unknown	1.93	J	ug/l			1
Unknown	4.62	J	ug/l			1
Unknown Organic Acid	1.74	J	ug/l			1
Unknown	2.51	J	ug/l			1
Unknown	2.69	J	ug/l			1
Unknown	2.47	J	ug/l			1
Unknown	3.09	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	92		10-120
4-Terphenyl-d14	98		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08
Client ID: TRC-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 12:25
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/23 09:50
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 15:08

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
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51	1
Hexachloroethane	ND		ug/l	0.80	0.06	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-08	Date Collected:	09/20/23 12:25
Client ID:	TRC-GW-01	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		21-120
Phenol-d6	82		10-120
Nitrobenzene-d5	**137**	Q	23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	85		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09
Client ID: TRC-GW-08
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 15:30
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/27/23 10:41
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 15:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3,3'-Dichlorobenzidine	ND		ug/l	7.3	2.3	1
2,4-Dinitrotoluene	ND		ug/l	7.3	1.7	1
2,6-Dinitrotoluene	ND		ug/l	7.3	1.3	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.9	0.70	1
4-Bromophenyl phenyl ether	ND		ug/l	2.9	0.55	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.9	0.76	1
Bis(2-chloroethoxy)methane	ND		ug/l	7.3	0.73	1
Hexachlorocyclopentadiene	ND		ug/l	29	0.99	1
Isophorone	5.4	J	ug/l	7.3	1.7	1
Nitrobenzene	ND		ug/l	2.9	1.1	1
NDPA/DPA	ND		ug/l	2.9	0.60	1
n-Nitrosodi-n-propylamine	ND		ug/l	7.3	0.93	1
Butyl benzyl phthalate	ND		ug/l	7.3	1.7	1
Di-n-butylphthalate	ND		ug/l	7.3	0.56	1
Di-n-octylphthalate	ND		ug/l	7.3	1.8	1
Diethyl phthalate	ND		ug/l	7.3	0.55	1
Dimethyl phthalate	ND		ug/l	7.3	2.6	1
Biphenyl	ND		ug/l	2.9	0.66	1
4-Chloroaniline	ND		ug/l	7.3	1.5	1
2-Nitroaniline	ND		ug/l	7.3	0.72	1
3-Nitroaniline	ND		ug/l	7.3	1.2	1
4-Nitroaniline	ND		ug/l	7.3	1.2	1
Dibenzofuran	ND		ug/l	2.9	0.72	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	14	0.64	1
Acetophenone	ND		ug/l	7.3	0.76	1
2,4,6-Trichlorophenol	ND		ug/l	7.3	0.88	1
p-Chloro-m-cresol	ND		ug/l	2.9	0.51	1
2-Chlorophenol	ND		ug/l	2.9	0.69	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09 Date Collected: 09/20/23 15:30

Client ID: TRC-GW-08 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	7.3	0.59	1
2,4-Dimethylphenol	ND		ug/l	7.3	2.6	1
2-Nitrophenol	ND		ug/l	14	1.2	1
4-Nitrophenol	ND		ug/l	14	0.97	1
2,4-Dinitrophenol	ND		ug/l	29	9.6	1
4,6-Dinitro-o-cresol	ND		ug/l	14	2.6	1
Phenol	ND		ug/l	7.3	0.82	1
2-Methylphenol	ND		ug/l	7.3	0.71	1
3-Methylphenol/4-Methylphenol	ND		ug/l	7.3	0.69	1
2,4,5-Trichlorophenol	ND		ug/l	7.3	1.1	1
Carbazole	ND		ug/l	2.9	0.71	1
Atrazine	ND		ug/l	14	1.1	1
Benzaldehyde	ND		ug/l	7.3	0.77	1
Caprolactam	ND		ug/l	14	4.7	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	7.3	1.2	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09 Date Collected: 09/20/23 15:30

Client ID: TRC-GW-08 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	248	J	ug/l			1
Unknown	11.4	J	ug/l			1
Unknown Siloxane	6.63	J	ug/l			1
Unknown	19.2	J	ug/l			1
Unknown	6.53	J	ug/l			1
Unknown	9.84	J	ug/l			1
Unknown	10.2	J	ug/l			1
Unknown Siloxane	10.7	J	ug/l			1
Unknown	19.7	J	ug/l			1
Unknown	25.6	J	ug/l			1
Unknown	29.2	J	ug/l			1
Unknown	32.3	J	ug/l			1
Unknown	5.42	J	ug/l			1
Unknown	16.7	J	ug/l			1
Unknown Siloxane	11.7	J	ug/l			1
Unknown	9.16	J	ug/l			1
Unknown Siloxane	5.63	J	ug/l			1
Unknown	5.32	J	ug/l			1
Unknown	4.84	J	ug/l			1
Unknown	8.42	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	101		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	107		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09
Client ID: TRC-GW-08
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 15:30
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/23 10:07
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 15:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	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
Bis(2-Ethylhexyl)phthalate	1.1		ug/l	1.0	0.51	1
Hexachloroethane	ND		ug/l	0.80	0.06	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02	1

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355233-09	Date Collected:	09/20/23 15:30
Client ID:	TRC-GW-08	Date Received:	09/20/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN,NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		21-120
Phenol-d6	96		10-120
Nitrobenzene-d5	**150**	Q	23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	115		10-120
4-Terphenyl-d14	93		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09
Client ID: TRC-GW-08
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 15:30
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 129,625.1
Analytical Date: 09/28/23 13:47
Analyst: LJG

Extraction Method: EPA 625.1
Extraction Date: 09/26/23 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49	1
Naphthalene	ND		ug/l	2.00	0.896	1
Phenol	ND		ug/l	5.00	0.262	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		25-87
Phenol-d6	24		16-65
Nitrobenzene-d5	49		42-122
2-Fluorobiphenyl	54		46-121
2,4,6-Tribromophenol	51		45-128
4-Terphenyl-d14	61		47-138

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/22/23 09:49
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/23 04:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1830582-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
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.
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.

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/22/23 09:49
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/23 04:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1830582-1					
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.
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.

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/22/23 09:49
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/22/23 04:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1830582-1					
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.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	96		18-120

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/23 09:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1831418-1					
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
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
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
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
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
Dimethyl phthalate	ND		ug/l	5.0	1.8
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
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

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/23 09:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1831418-1					
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
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
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
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	39.5	J	ug/l
Unknown	1.56	J	ug/l
Unknown	2.76	J	ug/l
Unknown Siloxane	1.78	J	ug/l
Unknown	3.82	J	ug/l
Unknown	2.07	J	ug/l
Unknown	4.40	J	ug/l
Unknown Organic Acid	3.02	J	ug/l
Unknown	4.25	J	ug/l

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/23 09:07
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 08-09 Batch: WG1831418-1					
Tentatively Identified Compounds					
Unknown	1.64	J	ug/l		
Unknown	1.49	J	ug/l		
Unknown	2.40	J	ug/l		
Unknown	1.71	J	ug/l		
Unknown Siloxane	1.96	J	ug/l		
Unknown	1.78	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	85		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/26/23 08:19
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 06:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08-09 Batch: WG1831419-1					
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	0.02	J	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	0.01	J	ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51
Hexachloroethane	ND		ug/l	0.80	0.06
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/26/23 08:19
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 06:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 08-09 Batch: WG1831419-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	107		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	78		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 129,625.1
Analytical Date: 09/27/23 09:52
Analyst: CMM

Extraction Method: EPA 625.1
Extraction Date: 09/26/23 18:00

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1832290-1					
1,2,4-Trichlorobenzene	ND		ug/l	5.00	1.49
Naphthalene	ND		ug/l	2.00	0.896
Phenol	ND		ug/l	5.00	0.262

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-87
Phenol-d6	41		16-65
Nitrobenzene-d5	95		42-122
2-Fluorobiphenyl	112		46-121
2,4,6-Tribromophenol	113		45-128
4-Terphenyl-d14	120		47-138

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/23 14:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/26/23 23:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1832346-1					
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
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
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	1.4	J	ug/l	5.0	1.2
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
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
Dimethyl phthalate	ND		ug/l	5.0	1.8
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
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

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/23 14:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/26/23 23:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1832346-1					
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
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
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
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

Total TIC Compounds	18.0	J	ug/l
Unknown	4.91	J	ug/l
Unknown	3.71	J	ug/l
Unknown	2.33	J	ug/l
Unknown	3.02	J	ug/l
Unknown	2.25	J	ug/l
Unknown	1.74	J	ug/l

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/23 14:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/26/23 23:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1832346-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	82		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/23 11:18
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/26/23 23:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07 Batch: WG1832348-1					
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	0.02	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.02	J	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
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51
Hexachloroethane	ND		ug/l	0.80	0.06
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/23 11:18
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/26/23 23:39

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 07 Batch: WG1832348-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	89		41-149

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/05/23 15:19
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/03/23 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 07 Batch: WG1834819-1					
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: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/05/23 15:19
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 10/03/23 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 07 Batch: WG1834819-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	**158**	Q	20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	106		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	106		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)	70		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	132		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	106		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81		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)	66		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	128		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)	72		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	82		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	75		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	86		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	83		20-150

Lab Control Sample Analysis
Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1830582-2 WG1830582-3								
Acenaphthene	85		85		31-137	0		50
Hexachlorobenzene	82		82		40-140	0		50
Bis(2-chloroethyl)ether	77		74		40-140	4		50
2-Chloronaphthalene	94		90		40-140	4		50
3,3'-Dichlorobenzidine	82		86		40-140	5		50
2,4-Dinitrotoluene	97		96		40-132	1		50
2,6-Dinitrotoluene	96		95		40-140	1		50
Fluoranthene	91		89		40-140	2		50
4-Chlorophenyl phenyl ether	95		92		40-140	3		50
4-Bromophenyl phenyl ether	91		87		40-140	4		50
Bis(2-chloroisopropyl)ether	79		77		40-140	3		50
Bis(2-chloroethoxy)methane	78		76		40-117	3		50
Hexachlorobutadiene	106		98		40-140	8		50
Hexachlorocyclopentadiene	100		92		40-140	8		50
Hexachloroethane	83		78		40-140	6		50
Isophorone	76		75		40-140	1		50
Naphthalene	91		85		40-140	7		50
Nitrobenzene	76		72		40-140	5		50
NDPA/DPA	90		89		36-157	1		50
n-Nitrosodi-n-propylamine	75		74		32-121	1		50
Bis(2-ethylhexyl)phthalate	107		106		40-140	1		50
Butyl benzyl phthalate	99		94		40-140	5		50
Di-n-butylphthalate	96		95		40-140	1		50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1830582-2 WG1830582-3								
Di-n-octylphthalate	111		109		40-140	2		50
Diethyl phthalate	91		89		40-140	2		50
Dimethyl phthalate	94		91		40-140	3		50
Benzo(a)anthracene	93		94		40-140	1		50
Benzo(a)pyrene	106		103		40-140	3		50
Benzo(b)fluoranthene	94		95		40-140	1		50
Benzo(k)fluoranthene	97		93		40-140	4		50
Chrysene	97		94		40-140	3		50
Acenaphthylene	93		90		40-140	3		50
Anthracene	92		91		40-140	1		50
Benzo(ghi)perylene	97		104		40-140	7		50
Fluorene	89		88		40-140	1		50
Phenanthrene	88		88		40-140	0		50
Dibenzo(a,h)anthracene	99		103		40-140	4		50
Indeno(1,2,3-cd)pyrene	100		105		40-140	5		50
Pyrene	91		89		35-142	2		50
Biphenyl	98		96		37-127	2		50
4-Chloroaniline	52		54		40-140	4		50
2-Nitroaniline	102		98		47-134	4		50
3-Nitroaniline	71		72		26-129	1		50
4-Nitroaniline	80		78		41-125	3		50
Dibenzofuran	93		92		40-140	1		50
2-Methylnaphthalene	94		90		40-140	4		50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1830582-2 WG1830582-3								
1,2,4,5-Tetrachlorobenzene	104		100		40-117	4		50
Acetophenone	87		86		14-144	1		50
2,4,6-Trichlorophenol	98		97		30-130	1		50
p-Chloro-m-cresol	85		82		26-103	4		50
2-Chlorophenol	92		92		25-102	0		50
2,4-Dichlorophenol	99		99		30-130	0		50
2,4-Dimethylphenol	83		84		30-130	1		50
2-Nitrophenol	108		108		30-130	0		50
4-Nitrophenol	76		76		11-114	0		50
2,4-Dinitrophenol	86		73		4-130	16		50
4,6-Dinitro-o-cresol	112		106		10-130	6		50
Pentachlorophenol	77		75		17-109	3		50
Phenol	80		78		26-90	3		50
2-Methylphenol	85		83		30-130.	2		50
3-Methylphenol/4-Methylphenol	86		81		30-130	6		50
2,4,5-Trichlorophenol	102		97		30-130	5		50
Carbazole	89		86		54-128	3		50
Atrazine	96		90		40-140	6		50
Benzaldehyde	123		116		40-140	6		50
Caprolactam	84		82		15-130	2		50
2,3,4,6-Tetrachlorophenol	90		90		40-140	0		50
1,4-Dioxane	68		63		40-140	8		50

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1830582-2 WG1830582-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	94		89		25-120
Phenol-d6	91		87		10-120
Nitrobenzene-d5	84		76		23-120
2-Fluorobiphenyl	105		99		30-120
2,4,6-Tribromophenol	84		84		10-136
4-Terphenyl-d14	100		94		18-120

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1831418-2 WG1831418-3								
3,3'-Dichlorobenzidine	52		68		40-140	27		30
2,4-Dinitrotoluene	72		94		48-143	27		30
2,6-Dinitrotoluene	71		95		40-140	29		30
4-Chlorophenyl phenyl ether	65		78		40-140	18		30
4-Bromophenyl phenyl ether	64		84		40-140	27		30
Bis(2-chloroisopropyl)ether	48		65		40-140	30		30
Bis(2-chloroethoxy)methane	56		79		40-140	**34**	Q	30
Hexachlorocyclopentadiene	65		87		40-140	29		30
Isophorone	59		82		40-140	**33**	Q	30
Nitrobenzene	59		82		40-140	**33**	Q	30
NDPA/DPA	62		79		40-140	24		30
n-Nitrosodi-n-propylamine	54		74		29-132	**31**	Q	30
Butyl benzyl phthalate	65		93		40-140	**35**	Q	30
Di-n-butylphthalate	62		86		40-140	**32**	Q	30
Di-n-octylphthalate	68		88		40-140	26		30
Diethyl phthalate	64		81		40-140	23		30
Dimethyl phthalate	63		88		40-140	**33**	Q	30
Biphenyl	49		68		40-140	**32**	Q	30
4-Chloroaniline	55		71		40-140	25		30
2-Nitroaniline	72		98		52-143	**31**	Q	30
3-Nitroaniline	69		91		25-145	28		30
4-Nitroaniline	70		89		51-143	24		30
Dibenzofuran	62		79		40-140	24		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1831418-2 WG1831418-3								
1,2,4,5-Tetrachlorobenzene	48		68		2-134	**34**	Q	30
Acetophenone	48		64		39-129	29		30
2,4,6-Trichlorophenol	63		91		30-130	**36**	Q	30
p-Chloro-m-cresol	62		84		23-97	30		30
2-Chlorophenol	60		80		27-123	29		30
2,4-Dichlorophenol	64		85		30-130	28		30
2,4-Dimethylphenol	47		70		30-130	**39**	Q	30
2-Nitrophenol	73		98		30-130	29		30
4-Nitrophenol	60		72		10-80	18		30
2,4-Dinitrophenol	71		100		20-130	**34**	Q	30
4,6-Dinitro-o-cresol	92		109		20-164	17		30
Phenol	47		61		12-110	26		30
2-Methylphenol	56		76		30-130	30		30
3-Methylphenol/4-Methylphenol	58		79		30-130	**31**	Q	30
2,4,5-Trichlorophenol	66		86		30-130	26		30
Carbazole	61		81		55-144	28		30
Atrazine	67		84		40-140	23		30
Benzaldehyde	64		84		40-140	27		30
Caprolactam	26		35		10-130	30		30
2,3,4,6-Tetrachlorophenol	62		76		40-140	20		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 08-09 Batch: WG1831418-2 WG1831418-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		66		21-120
Phenol-d6	46		56		10-120
Nitrobenzene-d5	55		74		23-120
2-Fluorobiphenyl	58		74		15-120
2,4,6-Tribromophenol	69		80		10-120
4-Terphenyl-d14	64		80		41-149

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08-09 Batch: WG1831419-2 WG1831419-3								
Acenaphthene	71		83		40-140	16		40
2-Chloronaphthalene	62		59		40-140	5		40
Fluoranthene	73		86		40-140	16		40
Hexachlorobutadiene	54		65		40-140	18		40
Naphthalene	67		78		40-140	15		40
Benzo(a)anthracene	80		95		40-140	17		40
Benzo(a)pyrene	85		98		40-140	14		40
Benzo(b)fluoranthene	80		92		40-140	14		40
Benzo(k)fluoranthene	82		93		40-140	13		40
Chrysene	76		88		40-140	15		40
Acenaphthylene	70		67		40-140	4		40
Anthracene	76		89		40-140	16		40
Benzo(ghi)perylene	84		96		40-140	13		40
Fluorene	72		84		40-140	15		40
Phenanthrene	70		82		40-140	16		40
Dibenzo(a,h)anthracene	81		93		40-140	14		40
Indeno(1,2,3-cd)pyrene	82		94		40-140	14		40
Pyrene	71		84		40-140	17		40
2-Methylnaphthalene	68		64		40-140	6		40
Pentachlorophenol	83		96		40-140	15		40
Hexachlorobenzene	61		71		40-140	15		40
Bis(2-Ethylhexyl)phthalate	84		99		40-140	16		40
Hexachloroethane	78		91		40-140	15		40

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 08-09 Batch: WG1831419-2 WG1831419-3								
Bis(2-chloroethyl)ether	72		85		40-140	17		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		69		21-120
Phenol-d6	69		78		10-120
Nitrobenzene-d5	89		103		23-120
2-Fluorobiphenyl	59		54		15-120
2,4,6-Tribromophenol	81		94		10-120
4-Terphenyl-d14	61		68		41-149

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1832290-3								
1,2,4-Trichlorobenzene	76		-		57-130	-		50
Naphthalene	78		-		36-120	-		65
Phenol	42		-		17-120	-		64

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56				25-87
Phenol-d6	40				16-65
Nitrobenzene-d5	84				42-122
2-Fluorobiphenyl	96				46-121
2,4,6-Tribromophenol	100				45-128
4-Terphenyl-d14	93				47-138

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1832346-2 WG1832346-3								
3,3'-Dichlorobenzidine	66		74		40-140	11		30
2,4-Dinitrotoluene	72		90		48-143	22		30
2,6-Dinitrotoluene	76		86		40-140	12		30
4-Chlorophenyl phenyl ether	62		78		40-140	23		30
4-Bromophenyl phenyl ether	67		79		40-140	16		30
Bis(2-chloroisopropyl)ether	49		58		40-140	17		30
Bis(2-chloroethoxy)methane	58		69		40-140	17		30
Hexachlorocyclopentadiene	66		74		40-140	11		30
Isophorone	64		77		40-140	18		30
Nitrobenzene	58		69		40-140	17		30
NDPA/DPA	64		81		40-140	23		30
n-Nitrosodi-n-propylamine	56		68		29-132	19		30
Butyl benzyl phthalate	72		85		40-140	17		30
Di-n-butylphthalate	68		86		40-140	23		30
Di-n-octylphthalate	70		80		40-140	13		30
Diethyl phthalate	65		80		40-140	21		30
Dimethyl phthalate	68		80		40-140	16		30
Biphenyl	61		73		40-140	18		30
4-Chloroaniline	52		60		40-140	14		30
2-Nitroaniline	75		88		52-143	16		30
3-Nitroaniline	64		81		25-145	23		30
4-Nitroaniline	76		91		51-143	18		30
Dibenzofuran	62		76		40-140	20		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1832346-2 WG1832346-3								
1,2,4,5-Tetrachlorobenzene	59		69		2-134	16		30
Acetophenone	56		66		39-129	16		30
2,4,6-Trichlorophenol	68		79		30-130	15		30
p-Chloro-m-cresol	64		76		23-97	17		30
2-Chlorophenol	56		66		27-123	16		30
2,4-Dichlorophenol	66		78		30-130	17		30
2,4-Dimethylphenol	62		73		30-130	16		30
2-Nitrophenol	78		90		30-130	14		30
4-Nitrophenol	50		57		10-80	13		30
2,4-Dinitrophenol	55		51		20-130	8		30
4,6-Dinitro-o-cresol	86		98		20-164	13		30
Phenol	38		44		12-110	15		30
2-Methylphenol	54		64		30-130	17		30
3-Methylphenol/4-Methylphenol	55		64		30-130	15		30
2,4,5-Trichlorophenol	68		80		30-130	16		30
Carbazole	64		77		55-144	18		30
Atrazine	75		91		40-140	19		30
Benzaldehyde	68		79		40-140	15		30
Caprolactam	26		31		10-130	18		30
2,3,4,6-Tetrachlorophenol	63		74		40-140	16		30

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1832346-2 WG1832346-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		57		21-120
Phenol-d6	39		47		10-120
Nitrobenzene-d5	64		75		23-120
2-Fluorobiphenyl	66		76		15-120
2,4,6-Tribromophenol	70		86		10-120
4-Terphenyl-d14	69		84		41-149

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07 Batch: WG1832348-2 WG1832348-3								
Acenaphthene	79		78		40-140	1		40
2-Chloronaphthalene	68		67		40-140	1		40
Fluoranthene	80		78		40-140	3		40
Hexachlorobutadiene	70		70		40-140	0		40
Naphthalene	70		69		40-140	1		40
Benzo(a)anthracene	78		81		40-140	4		40
Benzo(a)pyrene	89		89		40-140	0		40
Benzo(b)fluoranthene	87		88		40-140	1		40
Benzo(k)fluoranthene	88		87		40-140	1		40
Chrysene	83		82		40-140	1		40
Acenaphthylene	69		68		40-140	1		40
Anthracene	85		85		40-140	0		40
Benzo(ghi)perylene	90		90		40-140	0		40
Fluorene	78		76		40-140	3		40
Phenanthrene	82		81		40-140	1		40
Dibenzo(a,h)anthracene	95		95		40-140	0		40
Indeno(1,2,3-cd)pyrene	82		82		40-140	0		40
Pyrene	81		80		40-140	1		40
2-Methylnaphthalene	69		68		40-140	1		40
Pentachlorophenol	66		68		40-140	3		40
Hexachlorobenzene	90		92		40-140	2		40
Bis(2-Ethylhexyl)phthalate	85		85		40-140	0		40
Hexachloroethane	70		69		40-140	1		40

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 07 Batch: WG1832348-2 WG1832348-3								
Bis(2-chloroethyl)ether	71		68		40-140	4		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		57		21-120
Phenol-d6	47		46		10-120
Nitrobenzene-d5	79		79		23-120
2-Fluorobiphenyl	69		68		15-120
2,4,6-Tribromophenol	102		98		10-120
4-Terphenyl-d14	78		76		41-149

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Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG1834819-2 LOW LEVEL

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorobutanoic Acid (PFBA)	112		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	115		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	88		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	117		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	110		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	128		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	**170**	Q	-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	110		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	127		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	115		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	110		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	132		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	148		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	117		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	88		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	124		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	115		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	108		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG1834819-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	91				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	104				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	99				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)	91				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80				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)	77				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				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)	96				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	146				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)	77				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	91				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	87				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	96				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	87				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	90				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG1834819-3								
Perfluorobutanoic Acid (PFBA)	113		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	115		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	109		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	119		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	96		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	100		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	114		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	101		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	112		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	118		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	114		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	107		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	111		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	110		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	98		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	108		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	134		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 07 Batch: WG1834819-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	94				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	60				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	101				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)	90				20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	71				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)	90				20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				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)	107				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	126				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)	101				20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	79				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	85				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	110				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	103				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	53				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	86				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	86				20-150

PETROLEUM HYDROCARBONS

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04
Client ID: TRC-SB-08 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 09:20
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/23/23 14:45
Analyst: SR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 03:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	3600	J	ug/kg	33000	1800	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	70		40-140

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04
Client ID: TRC-SB-08 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 09:20
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/26/23 17:23
Analyst: KJD
Percent Solids: 96%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1200	J	ug/kg	3700	71.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	103		70-130
4-Bromofluorobenzene	88		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06
Client ID: TRC-SB-05 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 11:00
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/23/23 13:01
Analyst: SR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 01:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	ND		ug/kg	45000	2500	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	60		40-140

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06
Client ID: TRC-SB-05 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 11:00
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8015D(M)
Analytical Date: 09/26/23 17:53
Analyst: KJD
Percent Solids: 74%

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1200	J	ug/kg	4300	84.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	104		70-130
4-Bromofluorobenzene	89		70-130

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/22/23 09:13
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/22/23 04:32

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 04,06 Batch: WG1830584-1					
DRO (C10-C28)	ND		ug/kg	31000	1700

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	72		40-140

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/26/23 11:47
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 04,06 Batch: WG1832592-4					
Gasoline Range Organics	700	J	ug/kg	2500	48.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	99		70-130
4-Bromofluorobenzene	83		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab Associated sample(s): 04,06 Batch: WG1830584-2								
DRO (C10-C28)	82		-		60-140	-		

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	73				40-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 04,06 Batch: WG1832592-2 WG1832592-3								
Gasoline Range Organics	88		91		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	97		102		70-130
4-Bromofluorobenzene	82		88		70-130

PCBS

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01
Client ID: TRC-SB-07 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 07:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/24/23 11:57
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 22:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.2	5.08	1	A
Aroclor 1221	ND		ug/kg	57.2	5.73	1	A
Aroclor 1232	ND		ug/kg	57.2	12.1	1	A
Aroclor 1242	ND		ug/kg	57.2	7.71	1	A
Aroclor 1248	ND		ug/kg	57.2	8.58	1	A
Aroclor 1254	ND		ug/kg	57.2	6.26	1	A
Aroclor 1260	ND		ug/kg	57.2	10.6	1	A
Aroclor 1262	ND		ug/kg	57.2	7.26	1	A
Aroclor 1268	ND		ug/kg	57.2	5.93	1	A
PCBs, Total	ND		ug/kg	57.2	5.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-02
Client ID: TRC-SB-07 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:05
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/24/23 12:05
Analyst: MEO
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 22:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.0	4.97	1	A
Aroclor 1221	ND		ug/kg	56.0	5.61	1	A
Aroclor 1232	ND		ug/kg	56.0	11.9	1	A
Aroclor 1242	ND		ug/kg	56.0	7.55	1	A
Aroclor 1248	ND		ug/kg	56.0	8.40	1	A
Aroclor 1254	ND		ug/kg	56.0	6.13	1	A
Aroclor 1260	ND		ug/kg	56.0	10.4	1	A
Aroclor 1262	ND		ug/kg	56.0	7.11	1	A
Aroclor 1268	ND		ug/kg	56.0	5.80	1	A
PCBs, Total	ND		ug/kg	56.0	4.97	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03
Client ID: TRC-SB-08 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/24/23 12:13
Analyst: MEO
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 22:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	55.3	4.91	1	A
Aroclor 1221	ND		ug/kg	55.3	5.54	1	A
Aroclor 1232	ND		ug/kg	55.3	11.7	1	A
Aroclor 1242	ND		ug/kg	55.3	7.45	1	A
Aroclor 1248	ND		ug/kg	55.3	8.29	1	A
Aroclor 1254	ND		ug/kg	55.3	6.05	1	A
Aroclor 1260	ND		ug/kg	55.3	10.2	1	A
Aroclor 1262	ND		ug/kg	55.3	7.02	1	A
Aroclor 1268	ND		ug/kg	55.3	5.73	1	A
PCBs, Total	ND		ug/kg	55.3	4.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04
Client ID: TRC-SB-08 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 09:20
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/24/23 12:21
Analyst: MEO
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 22:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	50.8	4.51	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	7.62	1	A
Aroclor 1254	ND		ug/kg	50.8	5.56	1	A
Aroclor 1260	ND		ug/kg	50.8	9.39	1	A
Aroclor 1262	ND		ug/kg	50.8	6.45	1	A
Aroclor 1268	ND		ug/kg	50.8	5.26	1	A
PCBs, Total	ND		ug/kg	50.8	4.51	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05
Client ID: TRC-SB-05 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 10:45
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/24/23 12:29
Analyst: MEO
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 22:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.5	5.46	1	A
Aroclor 1221	ND		ug/kg	61.5	6.16	1	A
Aroclor 1232	ND		ug/kg	61.5	13.0	1	A
Aroclor 1242	ND		ug/kg	61.5	8.29	1	A
Aroclor 1248	ND		ug/kg	61.5	9.22	1	A
Aroclor 1254	ND		ug/kg	61.5	6.72	1	A
Aroclor 1260	ND		ug/kg	61.5	11.4	1	A
Aroclor 1262	ND		ug/kg	61.5	7.81	1	A
Aroclor 1268	ND		ug/kg	61.5	6.37	1	A
PCBs, Total	ND		ug/kg	61.5	5.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06
Client ID: TRC-SB-05 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 11:00
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 09/24/23 12:37
Analyst: SDC
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 09/22/23 22:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	64.6	5.73	1	A
Aroclor 1221	ND		ug/kg	64.6	6.47	1	A
Aroclor 1232	ND		ug/kg	64.6	13.7	1	A
Aroclor 1242	ND		ug/kg	64.6	8.70	1	A
Aroclor 1248	ND		ug/kg	64.6	9.69	1	A
Aroclor 1254	ND		ug/kg	64.6	7.06	1	A
Aroclor 1260	ND		ug/kg	64.6	11.9	1	A
Aroclor 1262	ND		ug/kg	64.6	8.20	1	A
Aroclor 1268	ND		ug/kg	64.6	6.69	1	A
PCBs, Total	ND		ug/kg	64.6	5.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07
Client ID: TRC-GW-06
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 13:35
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/22/23 19:37
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/22/23 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

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	69		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08
Client ID: TRC-GW-01
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 12:25
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/22/23 19:47
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/22/23 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

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	73		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09
Client ID: TRC-GW-08
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 15:30
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/22/23 19:56
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/22/23 00:45
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

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	72		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09
Client ID: TRC-GW-08
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 15:30
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 09/28/23 12:09
Analyst: MEO

Extraction Method: EPA 608.3
Extraction Date: 09/27/23 22:53
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.050	0.008	1	A
Aroclor 1221	ND		ug/l	0.050	0.011	1	A
Aroclor 1232	ND		ug/l	0.050	0.023	1	A
Aroclor 1242	ND		ug/l	0.050	0.018	1	A
Aroclor 1248	ND		ug/l	0.050	0.023	1	A
Aroclor 1254	ND		ug/l	0.050	0.008	1	A
Aroclor 1260	ND		ug/l	0.050	0.017	1	A
PCBs, Total	ND		ug/l	0.050	0.008	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		37-123	A
Decachlorobiphenyl	85		38-114	A
2,4,5,6-Tetrachloro-m-xylene	76		37-123	B
Decachlorobiphenyl	89		38-114	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/22/23 15:42
Analyst: ER

Extraction Method: EPA 3510C
Extraction Date: 09/21/23 23:29
Cleanup Method: EPA 3665A
Cleanup Date: 09/22/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07-09 Batch: WG1830544-1						
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	80		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/24/23 10:38
Analyst: ER

Extraction Method: EPA 3546
Extraction Date: 09/22/23 22:52
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG1830987-1						
Aroclor 1016	ND		ug/kg	48.0	4.26	A
Aroclor 1221	ND		ug/kg	48.0	4.81	A
Aroclor 1232	ND		ug/kg	48.0	10.2	A
Aroclor 1242	ND		ug/kg	48.0	6.47	A
Aroclor 1248	ND		ug/kg	48.0	7.20	A
Aroclor 1254	ND		ug/kg	48.0	5.25	A
Aroclor 1260	ND		ug/kg	48.0	8.87	A
Aroclor 1262	ND		ug/kg	48.0	6.09	A
Aroclor 1268	ND		ug/kg	48.0	4.97	A
PCBs, Total	ND		ug/kg	48.0	4.26	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 09/28/23 11:18
Analyst: MEO

Extraction Method: EPA 608.3
Extraction Date: 09/27/23 22:53
Cleanup Method: EPA 3665A
Cleanup Date: 09/28/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 09 Batch: WG1832901-1						
Aroclor 1016	ND		ug/l	0.050	0.008	A
Aroclor 1221	ND		ug/l	0.050	0.011	A
Aroclor 1232	ND		ug/l	0.050	0.023	A
Aroclor 1242	ND		ug/l	0.050	0.018	A
Aroclor 1248	ND		ug/l	0.050	0.023	A
Aroclor 1254	ND		ug/l	0.050	0.008	A
Aroclor 1260	ND		ug/l	0.050	0.017	A
PCBs, Total	ND		ug/l	0.050	0.008	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		37-123	A
Decachlorobiphenyl	76		38-114	A
2,4,5,6-Tetrachloro-m-xylene	74		37-123	B
Decachlorobiphenyl	81		38-114	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07-09 Batch: WG1830544-2 WG1830544-3									
Aroclor 1016	75		75		40-140	0		50	A
Aroclor 1260	75		74		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		75		30-150	A
Decachlorobiphenyl	82		81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		78		30-150	B
Decachlorobiphenyl	93		91		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1830987-2 WG1830987-3									
Aroclor 1016	77		78		40-140	1		50	A
Aroclor 1260	74		76		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		77		30-150	A
Decachlorobiphenyl	78		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		79		30-150	B
Decachlorobiphenyl	77		79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 09 Batch: WG1832901-2									
Aroclor 1016	81		-		50-140	-		36	A
Aroclor 1260	76		-		8-140	-		38	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69				37-123	A
Decachlorobiphenyl	78				38-114	A
2,4,5,6-Tetrachloro-m-xylene	73				37-123	B
Decachlorobiphenyl	82				38-114	B

PESTICIDES

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01
Client ID: TRC-SB-07 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 07:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/24/23 15:51
Analyst: MMG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 03:00
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.764	0.341	1	A
Alpha-BHC	ND		ug/kg	0.764	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.695	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.764	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.802	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.14	0.573	1	A
4,4'-DDE	1.27	J	ug/kg	1.83	0.424	1	B
4,4'-DDD	ND		ug/kg	1.83	0.654	1	B
4,4'-DDT	ND		ug/kg	1.83	1.47	1	A
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.764	0.363	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.62	1	A
cis-Chlordane	ND		ug/kg	2.29	0.638	1	A
trans-Chlordane	ND		ug/kg	2.29	0.605	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01
Client ID: TRC-SB-07 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 07:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/26/23 11:01
Analyst: MMG
Percent Solids: 85%
Methylation Date: 09/26/23 04:25

Extraction Method: EPA 8151A
Extraction Date: 09/25/23 05:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	192	5.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	86		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03
Client ID: TRC-SB-08 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/24/23 16:02
Analyst: MMG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 03:00
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.342	1	A
Lindane	ND		ug/kg	0.728	0.325	1	A
Alpha-BHC	ND		ug/kg	0.728	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.662	1	A
Heptachlor	ND		ug/kg	0.874	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.615	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.983	1	A
Endrin	ND		ug/kg	0.728	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.764	1	A
Endrin ketone	ND		ug/kg	1.75	0.450	1	A
Dieldrin	ND		ug/kg	1.09	0.546	1	A
4,4'-DDE	0.447	J	ug/kg	1.75	0.404	1	B
4,4'-DDD	ND		ug/kg	1.75	0.623	1	A
4,4'-DDT	ND		ug/kg	1.75	1.40	1	B
Endosulfan I	ND		ug/kg	1.75	0.413	1	A
Endosulfan II	ND		ug/kg	1.75	0.584	1	A
Endosulfan sulfate	ND		ug/kg	0.728	0.346	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.17	1	A
cis-Chlordane	ND		ug/kg	2.18	0.608	1	A
trans-Chlordane	ND		ug/kg	2.18	0.576	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03
Client ID: TRC-SB-08 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:50
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/26/23 11:38
Analyst: MMG
Percent Solids: 88%
Methylation Date: 09/26/23 04:25

Extraction Method: EPA 8151A
Extraction Date: 09/25/23 05:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	188	5.00	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	93		30-150	A
DCAA	95		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05
Client ID: TRC-SB-05 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 10:45
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 09/24/23 16:13
Analyst: MMG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 03:00
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.93	0.379	1	A
Lindane	ND		ug/kg	0.806	0.360	1	A
Alpha-BHC	ND		ug/kg	0.806	0.229	1	A
Beta-BHC	ND		ug/kg	1.93	0.733	1	A
Heptachlor	ND		ug/kg	0.967	0.434	1	A
Aldrin	ND		ug/kg	1.93	0.681	1	A
Heptachlor epoxide	ND		ug/kg	3.63	1.09	1	A
Endrin	ND		ug/kg	0.806	0.330	1	A
Endrin aldehyde	ND		ug/kg	2.42	0.846	1	A
Endrin ketone	ND		ug/kg	1.93	0.498	1	A
Dieldrin	ND		ug/kg	1.21	0.604	1	A
4,4'-DDE	3.03		ug/kg	1.93	0.447	1	B
4,4'-DDD	6.21		ug/kg	1.93	0.690	1	A
4,4'-DDT	2.10		ug/kg	1.93	1.56	1	B
Endosulfan I	ND		ug/kg	1.93	0.457	1	A
Endosulfan II	ND		ug/kg	1.93	0.646	1	A
Endosulfan sulfate	ND		ug/kg	0.806	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	0.674	1	A
trans-Chlordane	ND		ug/kg	2.42	0.638	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05
Client ID: TRC-SB-05 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 10:45
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 09/26/23 11:20
Analyst: MMG
Percent Solids: 80%
Methylation Date: 09/26/23 04:25

Extraction Method: EPA 8151A
Extraction Date: 09/25/23 05:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4,5-TP (Silvex)	ND		ug/kg	209	5.55	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	90		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/24/23 13:51
Analyst: EJL

Extraction Method: EPA 3546
Extraction Date: 09/23/23 03:00
Cleanup Method: EPA 3620B
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG1831012-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.640	0.286	A
Alpha-BHC	ND		ug/kg	0.640	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.582	A
Heptachlor	ND		ug/kg	0.768	0.344	A
Aldrin	ND		ug/kg	1.54	0.541	A
Heptachlor epoxide	ND		ug/kg	2.88	0.864	A
Endrin	ND		ug/kg	0.640	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.672	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.960	0.480	A
4,4'-DDE	ND		ug/kg	1.54	0.355	A
4,4'-DDD	ND		ug/kg	1.54	0.548	A
4,4'-DDT	ND		ug/kg	1.54	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.513	A
Endosulfan sulfate	ND		ug/kg	0.640	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.896	A
Toxaphene	ND		ug/kg	28.8	8.07	A
cis-Chlordane	ND		ug/kg	1.92	0.535	A
trans-Chlordane	ND		ug/kg	1.92	0.507	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/26/23 08:33
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 09/25/23 05:51

Methylation Date: 09/26/23 04:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01,03,05 Batch: WG1831409-1						
2,4,5-TP (Silvex)	ND		ug/kg	162	4.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	81		30-150	A
DCAA	88		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1831012-2 WG1831012-3									
Delta-BHC	135		96		30-150	**34**	Q	30	A
Lindane	122		91		30-150	29		30	A
Alpha-BHC	125		92		30-150	30		30	A
Beta-BHC	131		90		30-150	**37**	Q	30	A
Heptachlor	120		91		30-150	27		30	A
Aldrin	122		94		30-150	26		30	A
Heptachlor epoxide	113		85		30-150	28		30	A
Endrin	123		93		30-150	28		30	A
Endrin aldehyde	96		72		30-150	29		30	A
Endrin ketone	129		93		30-150	**32**	Q	30	A
Dieldrin	132		100		30-150	28		30	A
4,4'-DDE	124		95		30-150	26		30	A
4,4'-DDD	131		99		30-150	28		30	A
4,4'-DDT	126		96		30-150	27		30	A
Endosulfan I	120		92		30-150	26		30	A
Endosulfan II	124		92		30-150	30		30	A
Endosulfan sulfate	120		85		30-150	**34**	Q	30	A
Methoxychlor	119		90		30-150	28		30	A
cis-Chlordane	114		87		30-150	27		30	A
trans-Chlordane	127		96		30-150	28		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1831012-2 WG1831012-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	107		74		30-150	A
Decachlorobiphenyl	113		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	121		82		30-150	B
Decachlorobiphenyl	114		92		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01,03,05 Batch: WG1831409-2 WG1831409-3									
2,4,5-TP (Silvex)	92		95		30-150	3		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	88		91		30-150	A
DCAA	96		102		30-150	B

METALS

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01
Client ID: TRC-SB-07 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 07:50
Date Received: 09/20/23
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											
Antimony, Total	0.701	J	mg/kg	2.23	0.170	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.54		mg/kg	0.446	0.093	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Barium, Total	46.2		mg/kg	0.446	0.078	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.328		mg/kg	0.223	0.015	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.063	J	mg/kg	0.446	0.044	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Chromium, Total	10.6		mg/kg	0.446	0.043	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Copper, Total	39.2		mg/kg	0.446	0.115	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Lead, Total	37.5		mg/kg	2.23	0.120	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Manganese, Total	270		mg/kg	0.446	0.071	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.074	0.048	1	09/22/23 09:50	09/22/23 12:35	EPA 7471B	1,7471B	MJR
Nickel, Total	9.12		mg/kg	1.12	0.108	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Selenium, Total	0.656	J	mg/kg	0.892	0.115	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.223	0.126	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Thallium, Total	0.561	J	mg/kg	0.892	0.140	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF
Zinc, Total	109		mg/kg	2.23	0.131	1	09/22/23 08:50	09/22/23 13:32	EPA 3050B	1,6010D	JMF

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-02
Client ID: TRC-SB-07 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:05
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.38	0.180	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.65		mg/kg	0.475	0.099	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Barium, Total	16.2		mg/kg	0.475	0.083	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.340		mg/kg	0.238	0.016	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.475	0.047	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Chromium, Total	8.48		mg/kg	0.475	0.046	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Copper, Total	10.5		mg/kg	0.475	0.123	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Lead, Total	6.68		mg/kg	2.38	0.127	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Manganese, Total	353		mg/kg	0.475	0.076	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.077	0.050	1	09/22/23 09:50	09/22/23 12:45	EPA 7471B	1,7471B	MJR
Nickel, Total	11.8		mg/kg	1.19	0.115	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Selenium, Total	0.201	J	mg/kg	0.950	0.123	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.238	0.134	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Thallium, Total	0.547	J	mg/kg	0.950	0.150	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF
Zinc, Total	52.2		mg/kg	2.38	0.139	1	09/22/23 08:50	09/22/23 13:35	EPA 3050B	1,6010D	JMF

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03
Client ID: TRC-SB-08 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:50
Date Received: 09/20/23
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											
Antimony, Total	ND		mg/kg	2.17	0.165	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.09		mg/kg	0.435	0.090	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Barium, Total	39.8		mg/kg	0.435	0.076	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.401		mg/kg	0.217	0.014	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.073	J	mg/kg	0.435	0.043	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Chromium, Total	13.3		mg/kg	0.435	0.042	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Copper, Total	21.7		mg/kg	0.435	0.112	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Lead, Total	16.0		mg/kg	2.17	0.116	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Manganese, Total	417		mg/kg	0.435	0.069	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.073	0.048	1	09/22/23 09:50	09/22/23 12:48	EPA 7471B	1,7471B	MJR
Nickel, Total	12.6		mg/kg	1.09	0.105	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Selenium, Total	0.192	J	mg/kg	0.869	0.112	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.217	0.123	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Thallium, Total	1.19		mg/kg	0.869	0.137	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF
Zinc, Total	30.3		mg/kg	2.17	0.127	1	09/22/23 08:50	09/22/23 13:38	EPA 3050B	1,6010D	JMF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04 Date Collected: 09/20/23 09:20

Client ID: TRC-SB-08 (11.5-13.5) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, 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											
Antimony, Total	ND		mg/kg	2.02	0.154	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.06		mg/kg	0.405	0.084	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Barium, Total	34.5		mg/kg	0.405	0.071	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.435		mg/kg	0.202	0.013	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.405	0.040	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Chromium, Total	9.10		mg/kg	0.405	0.039	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Copper, Total	11.7		mg/kg	0.405	0.104	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Lead, Total	3.51		mg/kg	2.02	0.108	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Manganese, Total	322		mg/kg	0.405	0.064	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.067	0.043	1	09/22/23 09:50	09/22/23 12:51	EPA 7471B	1,7471B	MJR
Nickel, Total	9.71		mg/kg	1.01	0.098	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Selenium, Total	0.219	J	mg/kg	0.810	0.104	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.202	0.115	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Thallium, Total	0.662	J	mg/kg	0.810	0.128	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF
Zinc, Total	26.2		mg/kg	2.02	0.119	1	09/22/23 08:50	09/22/23 13:42	EPA 3050B	1,6010D	JMF

Project Name: 257 FRANKLIN ST PHASE II ESI
Lab Number: L2355233
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05
Client ID: TRC-SB-05 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY
Date Collected: 09/20/23 10:45
Date Received: 09/20/23
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											
Antimony, Total	1.04	J	mg/kg	2.38	0.181	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Arsenic, Total	7.18		mg/kg	0.476	0.099	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Barium, Total	101		mg/kg	0.476	0.083	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.626		mg/kg	0.238	0.016	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.252	J	mg/kg	0.476	0.047	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Chromium, Total	18.9		mg/kg	0.476	0.046	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Copper, Total	79.0		mg/kg	0.476	0.123	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Lead, Total	40.2		mg/kg	2.38	0.127	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Manganese, Total	1180		mg/kg	0.476	0.076	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.080	0.052	1	09/22/23 09:50	09/22/23 12:55	EPA 7471B	1,7471B	MJR
Nickel, Total	17.9		mg/kg	1.19	0.115	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Selenium, Total	0.608	J	mg/kg	0.951	0.123	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.238	0.135	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Thallium, Total	1.63		mg/kg	0.951	0.150	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF
Zinc, Total	102		mg/kg	2.38	0.139	1	09/22/23 08:50	09/22/23 13:45	EPA 3050B	1,6010D	JMF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06 Date Collected: 09/20/23 11:00

Client ID: TRC-SB-05 (11-13) Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/kg	2.67	0.203	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.60		mg/kg	0.533	0.111	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Barium, Total	62.0		mg/kg	0.533	0.093	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.770		mg/kg	0.267	0.018	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Cadmium, Total	0.240	J	mg/kg	0.533	0.052	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Chromium, Total	25.2		mg/kg	0.533	0.051	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Copper, Total	20.3		mg/kg	0.533	0.138	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Lead, Total	7.03		mg/kg	2.67	0.143	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Manganese, Total	569		mg/kg	0.533	0.085	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.085	0.056	1	09/22/23 09:50	09/22/23 12:58	EPA 7471B	1,7471B	MJR
Nickel, Total	22.6		mg/kg	1.33	0.129	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Selenium, Total	0.334	J	mg/kg	1.07	0.138	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.267	0.151	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Thallium, Total	2.07		mg/kg	1.07	0.168	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF
Zinc, Total	78.8		mg/kg	2.67	0.156	1	09/22/23 08:50	09/22/23 13:48	EPA 3050B	1,6010D	JMF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07 Date Collected: 09/20/23 13:35

Client ID: TRC-GW-06 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00032	J	mg/l	0.00050	0.00016	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Barium, Total	0.06915		mg/l	0.00050	0.00017	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00418		mg/l	0.00100	0.00017	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00092		mg/l	0.00050	0.00016	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Copper, Total	0.00074	J	mg/l	0.00100	0.00038	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Manganese, Total	0.2126		mg/l	0.00100	0.00044	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/23/23 11:10	09/26/23 15:15	EPA 7470A	1,7470A	DJR
Nickel, Total	0.00360		mg/l	0.00200	0.00055	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00187	J	mg/l	0.00500	0.00173	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00555	J	mg/l	0.01000	0.00341	1	09/23/23 08:16	09/26/23 20:26	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00039	J	mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.07266		mg/l	0.00050	0.00017	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.00501		mg/l	0.00100	0.00017	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00099		mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00510		mg/l	0.00100	0.00038	1	09/27/23 09:40	09/27/23 14:21	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.2281		mg/l	0.00100	0.00044	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/22/23 20:38	09/26/23 16:55	EPA 7470A	1,7470A	DJR

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-07 Date Collected: 09/20/23 13:35

Client ID: TRC-GW-06 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Nickel, Dissolved	0.00417		mg/l	0.00200	0.00055	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	0.00175	J	mg/l	0.00500	0.00173	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	0.00568	J	mg/l	0.01000	0.00341	1	09/22/23 18:31	09/26/23 22:09	EPA 3005A	1,6020B	EJF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08 Date Collected: 09/20/23 12:25

Client ID: TRC-GW-01 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.00078	J	mg/l	0.00400	0.00042	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00030	J	mg/l	0.00050	0.00016	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Barium, Total	0.1582		mg/l	0.00050	0.00017	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Chromium, Total	0.01818		mg/l	0.00100	0.00017	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00055		mg/l	0.00050	0.00016	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Copper, Total	0.00174		mg/l	0.00100	0.00038	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Manganese, Total	0.09622		mg/l	0.00100	0.00044	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/23/23 11:10	09/26/23 15:05	EPA 7470A	1,7470A	DJR
Nickel, Total	0.00183	J	mg/l	0.00200	0.00055	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/23/23 08:16	09/26/23 20:31	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.00079	J	mg/l	0.00400	0.00042	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00020	J	mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.1600		mg/l	0.00050	0.00017	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.01849		mg/l	0.00100	0.00017	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00052		mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00303		mg/l	0.00100	0.00038	1	09/27/23 09:40	09/27/23 14:26	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.09320		mg/l	0.00100	0.00044	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/22/23 20:38	09/26/23 16:38	EPA 7470A	1,7470A	DJR

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-08 Date Collected: 09/20/23 12:25

Client ID: TRC-GW-01 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Nickel, Dissolved	0.00191	J	mg/l	0.00200	0.00055	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/22/23 18:31	09/26/23 22:14	EPA 3005A	1,6020B	EJF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09 Date Collected: 09/20/23 15:30

Client ID: TRC-GW-08 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00020	J	mg/l	0.00050	0.00016	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Barium, Total	0.05838		mg/l	0.00050	0.00017	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	09/28/23 08:29	09/28/23 13:55	EPA 3005A	19,200.7	JMF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00202		mg/l	0.00100	0.00017	1	09/23/23 08:16	09/28/23 13:31	EPA 3005A	1,6020B	EJF
Copper, Total	0.0052	J	mg/l	0.0100	0.0022	1	09/28/23 08:29	09/28/23 13:55	EPA 3005A	19,200.7	JMF
Copper, Total	0.00259		mg/l	0.00100	0.00038	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.0100	0.0027	1	09/28/23 08:29	09/28/23 13:55	EPA 3005A	19,200.7	JMF
Lead, Total	0.00068	J	mg/l	0.00100	0.00034	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Manganese, Total	0.1410		mg/l	0.00100	0.00044	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/23/23 11:10	09/26/23 15:18	EPA 7470A	1,7470A	DJR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/28/23 09:19	09/28/23 13:37	EPA 245.1	3,245.1	DMB
Nickel, Total	0.0032	J	mg/l	0.0250	0.0024	1	09/28/23 08:29	09/28/23 13:55	EPA 3005A	19,200.7	JMF
Nickel, Total	0.00295		mg/l	0.00200	0.00055	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00226	J	mg/l	0.00500	0.00173	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Zinc, Total	0.0086		mg/l	0.0050	0.0021	1	09/28/23 08:29	09/28/23 13:55	EPA 3005A	19,200.7	JMF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/23/23 08:16	09/28/23 10:34	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.05764		mg/l	0.00050	0.00017	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.00196		mg/l	0.00100	0.00017	1	09/22/23 18:31	09/28/23 12:43	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00275		mg/l	0.00100	0.00038	1	09/27/23 09:40	09/28/23 11:52	EPA 3005A	1,6020B	EJF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09 Date Collected: 09/20/23 15:30

Client ID: TRC-GW-08 Date Received: 09/20/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.1014		mg/l	0.00100	0.00044	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/22/23 20:38	09/26/23 16:59	EPA 7470A	1,7470A	DJR
Nickel, Dissolved	0.00239		mg/l	0.00200	0.00055	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	0.00254	J	mg/l	0.00500	0.00173	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/22/23 18:31	09/28/23 10:28	EPA 3005A	1,6020B	EJF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1830597-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	09/22/23 09:50	09/22/23 11:09	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1830600-1										
Antimony, Total	0.971	J	mg/kg	2.00	0.152	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.083	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.070	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.013	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.039	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.038	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.103	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.107	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.064	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.097	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.103	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.113	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.126	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.117	1	09/22/23 08:50	09/22/23 11:36	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-09 Batch: WG1830747-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Barium, Total	ND	mg/l	0.00050	0.00017	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Copper, Total	ND	mg/l	0.00100	0.00038	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Lead, Total	ND	mg/l	0.00100	0.00034	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Nickel, Total	ND	mg/l	0.00200	0.00055	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	09/23/23 08:16	09/26/23 19:55	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 07-09 Batch: WG1830751-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/23/23 11:10	09/26/23 14:58	1,7470A	AMW

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 07-09 Batch: WG1830836-1										
Antimony, Dissolved	0.00083	J	mg/l	0.00400	0.00042	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Chromium, Dissolved	0.00041	J	mg/l	0.00100	0.00017	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 07-09 Batch: WG1830839-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/22/23 20:38	09/26/23 16:31	1,7470A	AMW

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 07-09 Batch: WG1832496-1										
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1832989-1										
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	09/28/23 08:29	09/28/23 13:46	19,200.7	JMF
Copper, Total	ND		mg/l	0.0100	0.0022	1	09/28/23 08:29	09/28/23 13:46	19,200.7	JMF
Lead, Total	ND		mg/l	0.0100	0.0027	1	09/28/23 08:29	09/28/23 13:46	19,200.7	JMF
Nickel, Total	ND		mg/l	0.0250	0.0024	1	09/28/23 08:29	09/28/23 13:46	19,200.7	JMF
Zinc, Total	ND		mg/l	0.0050	0.0021	1	09/28/23 08:29	09/28/23 13:46	19,200.7	JMF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1832991-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/28/23 09:19	09/28/23 13:20	3,245.1	DMB

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1830597-2 SRM Lot Number: D119-540								
Mercury, Total	98		-		73-127	-		
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1830600-2 SRM Lot Number: D119-540								
Antimony, Total	168		-		10-190	-		
Arsenic, Total	101		-		83-117	-		
Barium, Total	98		-		82-118	-		
Beryllium, Total	100		-		83-117	-		
Cadmium, Total	91		-		82-117	-		
Chromium, Total	98		-		82-119	-		
Copper, Total	97		-		84-116	-		
Lead, Total	102		-		82-118	-		
Manganese, Total	98		-		82-118	-		
Nickel, Total	97		-		82-117	-		
Selenium, Total	104		-		79-121	-		
Silver, Total	105		-		80-120	-		
Thallium, Total	98		-		81-119	-		
Zinc, Total	104		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09 Batch: WG1830747-2					
Antimony, Total	99	-	80-120	-	
Arsenic, Total	108	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	107	-	80-120	-	
Cadmium, Total	102	-	80-120	-	
Chromium, Total	113	-	80-120	-	
Cobalt, Total	110	-	80-120	-	
Copper, Total	109	-	80-120	-	
Lead, Total	109	-	80-120	-	
Manganese, Total	115	-	80-120	-	
Nickel, Total	107	-	80-120	-	
Selenium, Total	98	-	80-120	-	
Silver, Total	112	-	80-120	-	
Thallium, Total	114	-	80-120	-	
Vanadium, Total	114	-	80-120	-	
Zinc, Total	109	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 07-09 Batch: WG1830751-2					
Mercury, Total	102	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 Batch: WG1830836-2					
Antimony, Dissolved	97	-	80-120	-	
Arsenic, Dissolved	106	-	80-120	-	
Barium, Dissolved	104	-	80-120	-	
Beryllium, Dissolved	106	-	80-120	-	
Cadmium, Dissolved	103	-	80-120	-	
Chromium, Dissolved	113	-	80-120	-	
Cobalt, Dissolved	113	-	80-120	-	
Lead, Dissolved	109	-	80-120	-	
Manganese, Dissolved	116	-	80-120	-	
Nickel, Dissolved	106	-	80-120	-	
Selenium, Dissolved	99	-	80-120	-	
Silver, Dissolved	113	-	80-120	-	
Thallium, Dissolved	111	-	80-120	-	
Vanadium, Dissolved	112	-	80-120	-	
Zinc, Dissolved	109	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 Batch: WG1830839-2					
Mercury, Dissolved	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 Batch: WG1832496-2					
Cadmium, Dissolved	97	-	80-120	-	
Chromium, Dissolved	94	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Zinc, Dissolved	94	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1832989-2					
Cadmium, Total	99	-	85-115	-	
Copper, Total	102	-	85-115	-	
Lead, Total	104	-	85-115	-	
Nickel, Total	100	-	85-115	-	
Zinc, Total	99	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1832991-2					
Mercury, Total	105	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

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): 01-06 QC Batch ID: WG1830597-3 QC Sample: L2355363-19 Client ID: MS Sample												
Mercury, Total	0.226	1.54	1.83	104		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1830600-3 QC Sample: L2355541-07 Client ID: MS Sample												
Antimony, Total	ND	44.9	47.8	106		-	-		75-125	-		20
Arsenic, Total	8.75	10.8	26.4	**164**	Q	-	-		75-125	-		20
Barium, Total	79.2	180	244	92		-	-		75-125	-		20
Beryllium, Total	0.305	4.49	4.69	98		-	-		75-125	-		20
Cadmium, Total	ND	4.76	4.23	89		-	-		75-125	-		20
Chromium, Total	17.6	18	37.7	112		-	-		75-125	-		20
Copper, Total	15.9	22.4	38.5	101		-	-		75-125	-		20
Lead, Total	7.55	47.6	67.2	125		-	-		75-125	-		20
Manganese, Total	204	44.9	218	**31**	Q	-	-		75-125	-		20
Nickel, Total	18.2	44.9	57.2	87		-	-		75-125	-		20
Selenium, Total	0.296J	10.8	15.5	**144**	Q	-	-		75-125	-		20
Silver, Total	ND	4.49	3.86	86		-	-		75-125	-		20
Thallium, Total	1.12	10.8	14.0	120		-	-		75-125	-		20
Zinc, Total	34.8	44.9	71.5	82		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

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): 07-09 QC Batch ID: WG1830747-3 QC Sample: L2355233-07 Client ID: TRC-GW-06									
Antimony, Total	ND	0.5	0.5234	105	-	-	75-125	-	20
Arsenic, Total	0.00032J	0.12	0.1305	109	-	-	75-125	-	20
Barium, Total	0.06915	2	2.169	105	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05514	110	-	-	75-125	-	20
Cadmium, Total	0.00006J	0.053	0.05512	104	-	-	75-125	-	20
Chromium, Total	0.00418	0.2	0.2271	111	-	-	75-125	-	20
Cobalt, Total	0.00092	0.5	0.5514	110	-	-	75-125	-	20
Copper, Total	0.00074J	0.25	0.2788	112	-	-	75-125	-	20
Lead, Total	ND	0.53	0.5746	108	-	-	75-125	-	20
Manganese, Total	0.2126	0.5	0.7889	115	-	-	75-125	-	20
Nickel, Total	0.00360	0.5	0.5372	107	-	-	75-125	-	20
Selenium, Total	0.00187J	0.12	0.119	99	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05830	117	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1358	113	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5607	112	-	-	75-125	-	20
Zinc, Total	0.00555J	0.5	0.5527	110	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830751-3 QC Sample: L2355233-08 Client ID: TRC-GW-01									
Mercury, Total	ND	0.005	0.00532	106	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830836-3 QC Sample: L2355233-07 Client ID: TRC-GW-06									
Antimony, Dissolved	ND	0.5	0.5013	100	-	-	75-125	-	20
Arsenic, Dissolved	0.00039J	0.12	0.1379	115	-	-	75-125	-	20
Barium, Dissolved	0.07266	2	2.162	104	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05355	107	-	-	75-125	-	20
Cadmium, Dissolved	0.00006J	0.053	0.05510	104	-	-	75-125	-	20
Chromium, Dissolved	0.00501	0.2	0.2306	113	-	-	75-125	-	20
Cobalt, Dissolved	0.00099	0.5	0.5545	111	-	-	75-125	-	20
Lead, Dissolved	ND	0.53	0.5657	107	-	-	75-125	-	20
Manganese, Dissolved	0.2281	0.5	0.8105	116	-	-	75-125	-	20
Nickel, Dissolved	0.00417	0.5	0.5430	108	-	-	75-125	-	20
Selenium, Dissolved	0.00175J	0.12	0.118	98	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05544	111	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1305	109	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5591	112	-	-	75-125	-	20
Zinc, Dissolved	0.00568J	0.5	0.5551	111	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830839-3 QC Sample: L2355233-08 Client ID: TRC-GW-01									
Mercury, Dissolved	ND	0.005	0.00517	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1832496-3 QC Sample: L2356231-01 Client ID: MS Sample									
Cadmium, Dissolved	0.00015J	0.053	0.05102	96	-	-	75-125	-	20
Chromium, Dissolved	0.00033J	0.2	0.1827	91	-	-	75-125	-	20
Copper, Dissolved	0.01176	0.25	0.2498	95	-	-	75-125	-	20
Lead, Dissolved	0.00824	0.53	0.5316	99	-	-	75-125	-	20
Zinc, Dissolved	0.4247	0.5	0.9127	98	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1832989-3 QC Sample: L2356330-01 Client ID: MS Sample									
Cadmium, Total	ND	0.053	0.0526	99	-	-	75-125	-	20
Copper, Total	0.0044J	0.25	0.258	103	-	-	75-125	-	20
Lead, Total	ND	0.53	0.550	104	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.495	99	-	-	75-125	-	20
Zinc, Total	0.0575	0.5	0.556	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1832989-7 QC Sample: L2356392-01 Client ID: MS Sample									
Cadmium, Total	ND	0.053	0.0520	98	-	-	75-125	-	20
Copper, Total	0.0128	0.25	0.261	99	-	-	75-125	-	20
Lead, Total	ND	0.53	0.532	100	-	-	75-125	-	20
Nickel, Total	0.011J	0.5	0.498	100	-	-	75-125	-	20
Zinc, Total	0.090	0.5	0.584	99	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1832991-3 QC Sample: L2356330-02 Client ID: MS Sample									
Mercury, Total	0.00009J	0.005	0.00507	102	-	-	70-130	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

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): 09 QC Batch ID: WG1832991-5 QC Sample: L2356865-01 Client ID: MS Sample									
Mercury, Total	0.00016J	0.005	0.00494	99	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1830597-4 QC Sample: L2355363-19 Client ID: DUP Sample						
Mercury, Total	0.226	0.322	mg/kg	**35**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1830600-4 QC Sample: L2355541-07 Client ID: DUP Sample						
Lead, Total	7.55	6.78	mg/kg	11		20
Nickel, Total	18.2	16.8	mg/kg	8		20
Zinc, Total	34.8	30.2	mg/kg	14		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830747-4 QC Sample: L2355233-07 Client ID: TRC-GW-06					
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	0.00032J	0.00027J	mg/l	NC	20
Barium, Total	0.06915	0.06833	mg/l	1	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	0.00006J	0.00007J	mg/l	NC	20
Chromium, Total	0.00418	0.00437	mg/l	4	20
Cobalt, Total	0.00092	0.00094	mg/l	2	20
Copper, Total	0.00074J	0.00079J	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Manganese, Total	0.2126	0.2231	mg/l	5	20
Nickel, Total	0.00360	0.00387	mg/l	7	20
Selenium, Total	0.00187J	0.00221J	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Thallium, Total	ND	0.00025J	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.00555J	0.00570J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830751-4 QC Sample: L2355233-08 Client ID: TRC-GW-01					
Mercury, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830836-4 QC Sample: L2355233-07 Client ID: TRC-GW-06					
Antimony, Dissolved	ND	ND	mg/l	NC	20
Arsenic, Dissolved	0.00039J	0.00027J	mg/l	NC	20
Barium, Dissolved	0.07266	0.07204	mg/l	1	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	0.00006J	ND	mg/l	NC	20
Chromium, Dissolved	0.00501	0.00497	mg/l	1	20
Cobalt, Dissolved	0.00099	0.00103	mg/l	4	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Manganese, Dissolved	0.2281	0.2291	mg/l	0	20
Nickel, Dissolved	0.00417	0.00419	mg/l	0	20
Selenium, Dissolved	0.00175J	0.00262J	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Thallium, Dissolved	ND	0.00024J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.00568J	0.00579J	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830839-4 QC Sample: L2355233-08 Client ID: TRC-GW-01					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1832496-4 QC Sample: L2356231-01 Client ID: DUP Sample					
Cadmium, Dissolved	0.00015J	0.00016J	mg/l	NC	20
Chromium, Dissolved	0.00033J	0.00036J	mg/l	NC	20
Copper, Dissolved	0.01176	0.01311	mg/l	11	20
Lead, Dissolved	0.00824	0.00818	mg/l	1	20
Zinc, Dissolved	0.4247	0.4320	mg/l	2	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1832989-4 QC Sample: L2356330-01 Client ID: DUP Sample					
Cadmium, Total	ND	ND	mg/l	NC	20
Copper, Total	0.0044J	0.0043J	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.0575	0.0555	mg/l	4	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1832989-8 QC Sample: L2356392-01 Client ID: DUP Sample					
Cadmium, Total	ND	ND	mg/l	NC	20
Copper, Total	0.0128	0.0121	mg/l	6	20
Lead, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1832991-4 QC Sample: L2356330-02 Client ID: DUP Sample					
Mercury, Total	0.00009J	0.00011J	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1832991-6 QC Sample: L2356865-01 Client ID: DUP Sample					
Mercury, Total	0.00016J	ND	mg/l	NC	20

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2355233
Report Date: 10/16/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830747-6 QC Sample: L2355233-07 Client ID: TRC-GW-06						
Barium, Total	0.06915	0.07013	mg/l	1		20
Manganese, Total	0.2126	0.2260	mg/l	6		20
Dissolved Metals - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG1830836-6 QC Sample: L2355233-07 Client ID: TRC-GW-06						
Barium, Dissolved	0.07266	0.07268	mg/l	0		20
Manganese, Dissolved	0.2281	0.2291	mg/l	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-01
Client ID: TRC-SB-07 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 07:50
Date Received: 09/20/23
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	85.1		%	0.100	NA	1	-	09/22/23 09:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.23	1	09/23/23 10:00	09/25/23 13:36	1,9010C/9012B	JER
Chromium, Hexavalent	0.705	J	mg/kg	0.940	0.188	1	09/22/23 19:05	09/25/23 17:46	1,7196A	WMT

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-02
Client ID: TRC-SB-07 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:05
Date Received: 09/20/23
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	82.2		%	0.100	NA	1	-	09/22/23 09:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.2	0.25	1	09/25/23 04:20	09/25/23 15:23	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.973	0.195	1	09/22/23 19:05	09/25/23 17:46	1,7196A	WMT

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-03
Client ID: TRC-SB-08 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 08:50
Date Received: 09/20/23
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	88.0		%	0.100	NA	1	-	09/22/23 09:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.0	0.22	1	09/25/23 04:20	09/25/23 15:24	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.909	0.182	1	09/22/23 19:05	09/25/23 17:46	1,7196A	WMT

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-04
Client ID: TRC-SB-08 (11.5-13.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 09:20
Date Received: 09/20/23
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	95.7		%	0.100	NA	1	-	09/22/23 09:17	121,2540G	ROI
Cyanide, Total	ND		mg/kg	0.96	0.20	1	09/25/23 04:20	09/25/23 15:25	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	0.836	0.167	1	09/22/23 19:05	09/25/23 17:46	1,7196A	WMT

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-05
Client ID: TRC-SB-05 (1-4)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 10:45
Date Received: 09/20/23
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	79.5		%	0.100	NA	1	-	09/22/23 09:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.1	0.24	1	09/25/23 04:20	09/25/23 15:26	1,9010C/9012B	JER
Chromium, Hexavalent	ND		mg/kg	1.01	0.201	1	09/22/23 19:05	09/25/23 17:46	1,7196A	WMT

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-06
Client ID: TRC-SB-05 (11-13)
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 11:00
Date Received: 09/20/23
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	73.6		%	0.100	NA	1	-	09/22/23 09:46	121,2540G	ROI
Cyanide, Total	ND		mg/kg	1.3	0.27	1	09/25/23 04:20	09/25/23 15:30	1,9010C/9012B	JER
Chromium, Hexavalent	0.244	J	mg/kg	1.09	0.217	1	09/22/23 19:05	09/25/23 17:46	1,7196A	WMT

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355233-09
Client ID: TRC-GW-08
Sample Location: 257 FRANKLIN STREET, BROOKLYN,NY

Date Collected: 09/20/23 15:30
Date Received: 09/20/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	820		mg/l	13	NA	1.3	-	09/22/23 04:45	121,2540B	DEW
Solids, Total Suspended	15.		mg/l	5.5	NA	1.1	-	09/23/23 17:50	121,2540D	REM
Chloride	200		mg/l	10	8.9	10	-	09/28/23 13:12	121,4500CL-E	JER
pH (H)	7.45		SU	-	NA	1	-	09/22/23 18:50	121,4500H+-B	AAS
Nitrogen, Nitrate/Nitrite	6.0		mg/l	0.10	0.046	1	-	09/28/23 08:47	44,353.2	KAF
Total Nitrogen	6.0		mg/l	0.30	0.30	1	-	09/29/23 14:15	107,-	MRM
Nitrogen, Total Kjeldahl	0.104	J	mg/l	0.300	0.066	1	09/28/23 17:56	09/29/23 12:56	121,4500NH3-H	KEP
CBOD, 5 day	ND		mg/l	2.0	NA	1	09/22/23 09:16	09/27/23 11:35	121,5210B	SEA
Non-Polar Material By EPA 1664	ND		mg/l	4.00	1.24	1	09/28/23 09:49	09/28/23 11:47	140,1664B	JGM
Flash Point	>150		deg F	70	NA	1	-	09/28/23 09:59	1,1010A	MRS
Chromium, Hexavalent	0.004	J	mg/l	0.010	0.003	1	09/22/23 06:00	09/22/23 06:32	121,3500CR-B	OCF

Project Name: 257 FRANKLIN ST PHASE II ESI **Lab Number:** L2355233

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1830581-1										
Solids, Total	ND		mg/l	10	NA	1	-	09/22/23 04:45	121,2540B	DEW
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1830587-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	09/22/23 06:00	09/22/23 06:31	121,3500CR-B	OCF
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1830673-1										
CBOD, 5 day	ND		mg/l	2.0	NA	1	09/22/23 09:16	09/27/23 11:35	121,5210B	SEA
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1830957-1										
Chromium, Hexavalent	0.340	J	mg/kg	0.800	0.160	1	09/22/23 19:05	09/25/23 17:46	1,7196A	WMT
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1831048-1										
Cyanide, Total	ND		mg/kg	0.97	0.20	1	09/23/23 10:00	09/25/23 13:02	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1831194-1										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/23/23 17:50	121,2540D	REM
General Chemistry - Westborough Lab for sample(s): 02-05 Batch: WG1831378-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	09/25/23 04:20	09/25/23 15:09	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 06 Batch: WG1831382-1										
Cyanide, Total	ND		mg/kg	0.95	0.20	1	09/25/23 04:20	09/25/23 15:09	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1832984-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	09/28/23 08:41	44,353.2	KAF
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1833129-1										
Non-Polar Material By EPA 1664	ND		mg/l	4.00	1.24	1	09/28/23 09:49	09/28/23 11:45	140,1664B	JGM
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1833172-1										
Chloride	ND		mg/l	1.0	0.89	1	-	09/28/23 12:59	121,4500CL-E	JER
General Chemistry - Westborough Lab for sample(s): 09 Batch: WG1833335-1										
Nitrogen, Total Kjeldahl	0.058	J	mg/l	0.300	0.022	1	09/28/23 17:56	09/29/23 12:53	121,4500NH3-H	KEP

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1830581-2								
Solids, Total	100		-		80-120	-		
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1830587-2								
Chromium, Hexavalent	104		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1830673-2								
CBOD, 5 day	87		-		41-119	-		49
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1830945-1								
pH	100		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01-06 Batch: WG1830957-2								
Chromium, Hexavalent	**74**	Q	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1831048-2 WG1831048-3								
Cyanide, Total	90		92		80-120	2		35
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1831194-2								
Solids, Total Suspended	88		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-05 Batch: WG1831378-2 WG1831378-3					
Cyanide, Total	82	91	80-120	11	35
General Chemistry - Westborough Lab Associated sample(s): 06 Batch: WG1831382-2 WG1831382-3					
Cyanide, Total	82	91	80-120	11	35
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1832984-2					
Nitrogen, Nitrate/Nitrite	100	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1833122-1					
Flash Point	101	-	96-104	-	
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1833129-2					
Non-Polar Material By EPA 1664	98	-	64-132	-	34
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1833172-2					
Chloride	100	-	90-110	-	
General Chemistry - Westborough Lab Associated sample(s): 09 Batch: WG1833335-2					
Nitrogen, Total Kjeldahl	98	-	78-122	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782
Lab Number: L2355233
Report Date: 10/16/23

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): 09 QC Batch ID: WG1830587-4 QC Sample: L2355233-09 Client ID: TRC-GW-08												
Chromium, Hexavalent	0.004J	0.1	0.098	98		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1830673-4 QC Sample: L2355647-06 Client ID: MS Sample												
CBOD, 5 day	51	200	220	86		-	-		36-125	-		49
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1830957-4 QC Sample: L2355233-02 Client ID: TRC-SB-07 (11-13)												
Chromium, Hexavalent	ND	1400	1340	96		-	-		75-125	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1831048-4 WG1831048-5 QC Sample: L2354808-02 Client ID: MS Sample												
Cyanide, Total	ND	12	13	110		13	100		75-125	10		35
General Chemistry - Westborough Lab Associated sample(s): 02-05 QC Batch ID: WG1831378-4 WG1831378-5 QC Sample: L2354956-06 Client ID: MS Sample												
Cyanide, Total	8.2	10	16	78		10	**18**	Q	75-125	**125**	Q	35
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1831382-4 WG1831382-5 QC Sample: L2355233-06 Client ID: TRC-SB-05 (11-13)												
Cyanide, Total	ND	13	14	100		13	100		75-125	0		35
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1832984-4 QC Sample: L2355562-01 Client ID: MS Sample												
Nitrogen, Nitrate/Nitrite	1.6	4	5.6	100		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1833129-4 QC Sample: L2355592-02 Client ID: MS Sample												
Non-Polar Material By EPA 1664	ND	19.6	ND	**0**	Q	-	-		64-132	-		34

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1833172-4 QC Sample: L2351440-03 Client ID: MS Sample										
Chloride	11000	20	10000	**0**	Q	-	-	58-140	-	7
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1833335-4 QC Sample: L2349793-23 Client ID: MS Sample										
Nitrogen, Total Kjeldahl	0.080J	8	4.39	**55**	Q	-	-	77-111	-	24

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1830581-3 QC Sample: L2354853-01 Client ID: DUP Sample						
Solids, Total	400	390	mg/l	3		16
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1830587-3 QC Sample: L2355233-09 Client ID: TRC-GW-08						
Chromium, Hexavalent	0.004J	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1830639-1 QC Sample: L2355259-01 Client ID: DUP Sample						
Solids, Total	88.0	87.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG1830640-1 QC Sample: L2355214-02 Client ID: DUP Sample						
Solids, Total	85.4	88.4	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1830673-3 QC Sample: L2355647-06 Client ID: DUP Sample						
CBOD, 5 day	51	54	mg/l	4		49
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1830945-2 QC Sample: L2355139-01 Client ID: DUP Sample						
pH	7.91	8.04	SU	2		5
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1830957-6 QC Sample: L2355233-02 Client ID: TRC-SB-07 (11-13)						
Chromium, Hexavalent	ND	ND	mg/kg	NC		20
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1831194-3 QC Sample: L2355938-01 Client ID: DUP Sample						
Solids, Total Suspended	71.	76	mg/l	7		32
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1831194-4 QC Sample: L2355305-01 Client ID: DUP Sample						
Solids, Total Suspended	180	290	mg/l	**47**	Q	32

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II ESI

Project Number: 549782

Lab Number: L2355233

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1832984-3 QC Sample: L2355562-01 Client ID: DUP Sample					
Nitrogen, Nitrate/Nitrite	1.6	1.6	mg/l	0	20
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1833129-3 QC Sample: L2355592-01 Client ID: DUP Sample					
Non-Polar Material By EPA 1664	ND	ND	mg/l	NC	34
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1833172-3 QC Sample: L2351440-03 Client ID: DUP Sample					
Chloride	11000	11000	mg/l	0	7
General Chemistry - Westborough Lab Associated sample(s): 09 QC Batch ID: WG1833335-3 QC Sample: L2349793-23 Client ID: DUP Sample					
Nitrogen, Total Kjeldahl	0.080J	0.104J	mg/l	NC	24

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355233-01A	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-01B	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-01C	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-01D	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2355233-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2355233-01F	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HEXCR-7196(30)
L2355233-01G	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2355233-01H	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2355233-01X	Vial MeOH preserved split	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-01Y	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-01Z	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-02A	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-02B	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-02C	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-02D	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2355233-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2355233-02F	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HEXCR-7196(30)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355233-02G	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365)
L2355233-02H	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),NYTCL-8082(365)
L2355233-02X	Vial MeOH preserved split	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-02Y	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-02Z	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-03A	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-03B	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-03C	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-03D	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2355233-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2355233-03F	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HEXCR-7196(30)
L2355233-03G	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2355233-03H	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2355233-03X	Vial MeOH preserved split	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-03Y	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-03Z	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-04A	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-04B	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-04C	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-04D	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2355233-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),MN-TI(180),CD-TI(180)
L2355233-04F	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HEXCR-7196(30)
L2355233-04G	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365)
L2355233-04H	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),TPH-DRO(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355233-04I	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),NYTCL-8082(365)
L2355233-04J	Vial MeOH preserved	B	NA		2.8	Y	Absent		TPH-GRO(14)
L2355233-04W	Vial MeOH preserved	B	NA		2.8	Y	Absent		TPH-GRO(14)
L2355233-04X	Vial MeOH preserved split	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-04Y	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-04Z	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-05A	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-05B	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-05C	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-05D	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2355233-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2355233-05F	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HEXCR-7196(30)
L2355233-05G	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2355233-05H	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),TCN-9010(14),HERB-APA(14),NYTCL-8081(14),NYTCL-8082(365)
L2355233-05X	Vial MeOH preserved split	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-05Y	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-05Z	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-06A	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-06B	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-06C	5 gram Encore Sampler	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-06D	Plastic 2oz unpreserved for TS	B	NA		2.8	Y	Absent		TS(7)
L2355233-06E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),MN-TI(180),HG-T(28),CD-TI(180)
L2355233-06F	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		HEXCR-7196(30)
L2355233-06G	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),TPH-DRO(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355233-06H	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),TPH-DRO(14),NYTCL-8082(365)
L2355233-06I	Vial MeOH preserved	B	NA		2.8	Y	Absent		TPH-GRO(14)
L2355233-06J	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),TPH-DRO(14),NYTCL-8082(365)
L2355233-06K	Glass 120ml/4oz unpreserved	B	NA		2.8	Y	Absent		TCN-9010(14),NYTCL-8270(14),TPH-DRO(14),NYTCL-8082(365)
L2355233-06W	Vial MeOH preserved split	B	NA		2.8	Y	Absent		TPH-GRO(14)
L2355233-06X	Vial MeOH preserved split	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2355233-06Y	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-06Z	Vial Water preserved split	B	NA		2.8	Y	Absent	21-SEP-23 18:55	NYTCL-8260HLW(14)
L2355233-07A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2355233-07B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2355233-07C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2355233-07D	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2355233-07E	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2355233-07F	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		CU-6020S(180),SE-6020S(180),MN-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),BA-6020S(180),V-6020T(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28)
L2355233-07G	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),V-6020S(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2355233-07H	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355233-07I	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355233-07J	Plastic 500ml unpreserved	A	NA		3.7	Y	Absent		A2-1633-DRAFT(28)
L2355233-07K	Plastic 500ml unpreserved	A	NA		3.7	Y	Absent		A2-1633-DRAFT(28)
L2355233-07L	Plastic 500ml unpreserved	A	NA		3.7	Y	Absent		A2-1633-DRAFT(28)
L2355233-08A	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST PHASE II ESI
Project Number: 549782

Lab Number: L2355233
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355233-08B	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2355233-08C	Vial HCl preserved	A	NA		3.7	Y	Absent		NYTCL-8260(14)
L2355233-08D	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2355233-08E	Amber 120ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8082-LVI(365)
L2355233-08F	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),BE-6020S(180),ZN-6020S(180),CR-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28)
L2355233-08G	Plastic 250ml HNO3 preserved	A	<2	<2	3.7	Y	Absent		BA-6020T(180),TL-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2355233-08H	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355233-08I	Amber 250ml unpreserved	A	7	7	3.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355233-09A	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)
L2355233-09B	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)
L2355233-09C	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)
L2355233-09D	Vial Na2S2O3 preserved	C	NA		3.3	Y	Absent		624-NYDEP(7)
L2355233-09E	Vial Na2S2O3 preserved	C	NA		3.3	Y	Absent		624-NYDEP(7)
L2355233-09F	Vial Na2S2O3 preserved	C	NA		3.3	Y	Absent		624-NYDEP(7)
L2355233-09G	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),NI-UI(180),CR-6020T(180),ZN-UI(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),HG-U(28),MN-6020T(180),BE-6020T(180),CD-UI(180),AS-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CU-UI(180),PB-UI(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(*)
L2355233-09H	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),NI-UI(180),CR-6020T(180),ZN-UI(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),HG-U(28),MN-6020T(180),BE-6020T(180),CD-UI(180),AS-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CU-UI(180),PB-UI(180)
L2355233-09I	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		CU-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),NI-6020S(180),PB-6020S(180),BA-6020S(180),TL-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28)
L2355233-09J	Plastic 250ml H2SO4 preserved	C	<2	<2	3.3	Y	Absent		TKN-4500(28),NO3/NO2-353(28),TNITROGEN(28)
L2355233-09K	Plastic 950ml unpreserved	C	7	7	3.3	Y	Absent		TSC-2540(7),CL-4500(28),HEXCR-3500(1),CBOD5(2),PH-4500(.01)
L2355233-09M	Plastic 950ml unpreserved	C	7	7	3.3	Y	Absent		TSC-2540(7),CL-4500(28),HEXCR-3500(1),CBOD5(2),PH-4500(.01)
L2355233-09N	Plastic 950ml unpreserved	C	7	7	3.3	Y	Absent		TSS-2540(7)
L2355233-09O	Amber 120ml unpreserved	C	7	7	3.3	Y	Absent		NYTCL-8082-LVI(365)
L2355233-09P	Amber 120ml unpreserved	C	7	7	3.3	Y	Absent		NYTCL-8082-LVI(365)
L2355233-09Q	Amber 250ml unpreserved	C	7	7	3.3	Y	Absent		FLASH()
L2355233-09R	Amber 250ml unpreserved	C	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355233-09S	Amber 250ml unpreserved	C	7	7	3.3	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355233-09T	Amber 1000ml Na2S2O3	C	7	7	3.3	Y	Absent		625-NYDEP(7)
L2355233-09U	Amber 1000ml Na2S2O3	C	7	7	3.3	Y	Absent		625-NYDEP(7)
L2355233-09V	Amber 1000ml Na2S2O3	C	7	7	3.3	Y	Absent		NYPCB-608-2L(365)
L2355233-09W	Amber 1000ml Na2S2O3	C	7	7	3.3	Y	Absent		NYPCB-608-2L(365)
L2355233-09X	Amber 1000ml Na2S2O3	C	7	7	3.3	Y	Absent		NYPCB-608-2L(365)
L2355233-09Y	Amber 1000ml Na2S2O3	C	7	7	3.3	Y	Absent		NYPCB-608-2L(365)
L2355233-09Z	Amber 1000ml HCl preserved	C	NA		3.3	Y	Absent		NYTPH-1664(28)
L2355233-09Z1	Amber 1000ml HCl preserved	C	NA		3.3	Y	Absent		NYTPH-1664(28)

*Values in parentheses indicate holding time in days

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/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

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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). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

107 Alpha Analytical - In-house calculation method.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

127 Method 608.3: Organochlorine Pesticides and PCBs by GC/HSD, EPA 821-R-16-009, December 2016.

128 Method 624.1: Purgeables by GC/MS, EPA 821-R-16-008, December 2016.

129 Method 625.1: Base/Neutrals and Acids by GC/MS, EPA 821-R-16-007, December 2016.

140 Method 1664,Revision B: N-Hexane Extractable Material (HEM; Oil & Grease) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM; Non-polar Material) by Extraction and Gravimetry, EPA-821-R-10-001, February 2010.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL
Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab: 9/20/23

ALPHA Job #: L2355233

Client Information

Client: TRC Engineers, Inc.
Address: 1430 Broadway 10th Floor
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: sambrose@trccompanies.com

Project Information

Project Name: 257 Franklin St Phase II ESI
Project Location: 257 Franklin Street, Brooklyn, NY
Project #: 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 Day

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other

Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☑ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # 206477

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT-B Deliverables. TAL Metals - (less Al, Ca, Co, Fe, K, Mg, Ma, and V.) No pest/herb analysis for SB-07(11-13), SB-08(11.5-13.5) and SB-05 (11-13)

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL and CP-51 VOCs +TICs	TCL and CP-51 SVOCs +TICs	TAL Metals + Hexavalent Chromium + Cyanide	TCL PCBs	TCL Herbicides and Pesticides	TPH DRO/GRO	PFAS 1633	Lead by 6010C	Sample Specific Comments	Total Bottles
55233-01	TRC-SB-07(1-4)	9/20	0750	Soil	MK/HD	X	X	X	X	X					
02	TRC-SB-07(11-13)	↓	0805	Soil	MK/HD	X	X	X	X						
03	TRC-SB-08(1-4)		0850	Soil	MK/HD	X	X	X	X	X					
04	TRC-SB-08(11.5-13.5)		0920	Soil	MK/HD	X	X	X	X		X				
05	TRC-SB-05(1-4)		1045	Soil	MK/HD	X	X	X	X	X					
06	TRC-SB-05(11-13)	↓	1100	Soil	MK/HD	X	X	X	X		X				
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
				Soil	MK/HD										
					Container Type	E	A	A	A	A	A				
					Preservative	A	A	A	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/20 1520	[illegible]	9/20/23 1520
[illegible]	9/20/23 18:10	[illegible]	9/20/23 1830
[illegible]	9/20/23		

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.

Form No: 01-25 (rev. 30-Sept-2013)

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12206: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of

Date Rec'd in Lab

ALPHA Job #

Client Information

Client: TRC Engineers, Inc.
Address: 1430 Broadway 10th Floor
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: sambrose@trccompanies.com

Project Information

Project Name: 257 Franklin St Phase II ESI
Project Location: 257 Franklin Street, Brooklyn, NY
Project # 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 Day

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☑ Other

Regulatory Requirement

☐ NY TOGS ☑ NY Part 375
☐ AWQ Standards ☑ NY CP-51
☐ NY Restricted Use ☐ Other
☑ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # 206477

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT-B Deliverables. TAL Metals - (less Al, Ca, Co, Fe, K, Mg, Ma, and V.)

Please specify Metals or TAL.

Sample Filtration

☑ Done
☐ Lab to do

Preservation

☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL and CP-51 VOCs	TCL and CP-51 SVOCs	TAL Metals FIELD FILTERED	TAL Metals UNFILTERED	TCL PCBs	NYCDEP Sewer Use Discharge	1,4-Dioxane w/ SIM	PFAS	Sample Specific Comments	Total Bottles
55233-07	TRC-GW-06	9/20	1335	GW	MK/HD	X	X	X	X	X			X		
08	TRC-GW-01	9/20	1225	GW	MK/HD	X	X	X	X	X					
	~~TRC-GW-02~~	~~9/20~~		GW	MK/HD										
09	TRC-GW-08	9/20	1540	GW	MK/HD	X	X	X	X	X	X				
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
				GW	MK/HD										
					Container Type	AV	A	P	P	A			P		
					Preservative	B	A	C	C	A			A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	9/20 1520	[illegible]	9/20/23 1520
[illegible]	9/20/23 18:10	[illegible]	9/20/23 18:30
[illegible]	9/20/23		

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.

Form No: 01-25 (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2355251
Client:	TRC Environmental Corp 1430 Broadway 10th Floor New York, NY 10018
ATTN:	Sam Ambrose
Phone:	(212) 221-7822
Project Name:	257 FRANKLIN ST PHASE II
Project Number:	549782
Report Date:	10/05/23

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-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110) , NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782

Lab Number: L2355251
Report Date: 10/05/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2355251-01	TRC-SV-02	SOIL_VAPOR	257 FRANKLIN ST BROOKLYN, NY	09/19/23 10:13	09/20/23
L2355251-02	TRC-SV-03	SOIL_VAPOR	257 FRANKLIN ST BROOKLYN, NY	09/19/23 10:00	09/20/23
L2355251-03	TRC-SV-06	SOIL_VAPOR	257 FRANKLIN ST BROOKLYN, NY	09/19/23 13:25	09/20/23
L2355251-04	TRC-SV-01	SOIL_VAPOR	257 FRANKLIN ST BROOKLYN, NY	09/19/23 13:30	09/20/23
L2355251-05	TRC-SV-04	SOIL_VAPOR	257 FRANKLIN ST BROOKLYN, NY	09/20/23 10:30	09/20/23
L2355251-06	TRC-SV-07	SOIL_VAPOR	257 FRANKLIN ST BROOKLYN, NY	09/20/23 10:35	09/20/23
L2355251-07	TRC-SV-08	SOIL_VAPOR	257 FRANKLIN ST BROOKLYN, NY	09/20/23 11:48	09/20/23
L2355251-08	TRC-SV-05	SOIL_VAPOR	257 FRANKLIN ST BROOKLYN, NY	09/20/23 13:35	09/20/23

Project Name:	257 FRANKLIN ST PHASE II	**Lab Number:**	L2355251
Project Number:	549782	**Report Date:**	10/05/23

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.

Project Name:	257 FRANKLIN ST PHASE II	**Lab Number:**	L2355251
Project Number:	549782	**Report Date:**	10/05/23

Case Narrative (continued)

Report Revision

October 5, 2023: The report has been amended to correct the -05 through -08 sample dates.

Volatile Organics in Air

Canisters were released from the laboratory on September 15, 2023. The canister certification results are provided as an addendum.

L2355251-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2355251-04D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2355251-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2355251-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2355251-06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2355251-07D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L2355251-08D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Project Name:	257 FRANKLIN ST PHASE II	**Lab Number:**	L2355251
Project Number:	549782	**Report Date:**	10/05/23

Case Narrative (continued)

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: Jennifer Jerome

Title: Technical Director/Representative

Date: 10/05/23

AIR

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-01
Client ID: TRC-SV-02
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/19/23 10:13
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/28/23 05:46
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Chloromethane	ND	0.200	--	ND	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	0.119	0.020	--	0.649	0.109	--		1
Benzene	0.126	0.100	--	0.403	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Trichloroethene	0.034	0.020	--	0.183	0.107	--		1
Toluene	2.23	0.100	--	8.40	0.377	--		1
Tetrachloroethene	1.03	0.020	--	6.98	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.581	0.020	--	2.52	0.087	--		1
p/m-Xylene	2.43	0.040	--	10.6	0.174	--		1
o-Xylene	0.930	0.020	--	4.04	0.087	--		1
1,3,5-Trimethybenzene	0.388	0.020	--	1.91	0.098	--		1
1,2,4-Trimethylbenzene	1.46	0.020	--	7.18	0.098	--		1

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-01
Client ID: TRC-SV-02
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/19/23 10:13
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
Naphthalene	0.129	0.050	--	0.676	0.262	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	103		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-02
Client ID: TRC-SV-03
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/19/23 10:00
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/27/23 22:50
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Chloromethane	ND	0.200	--	ND	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	0.105	0.020	--	0.573	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Trichloroethene	0.035	0.020	--	0.188	0.107	--		1
Toluene	1.58	0.100	--	5.95	0.377	--		1
Tetrachloroethene	0.562	0.020	--	3.81	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	0.387	0.020	--	1.68	0.087	--		1
p/m-Xylene	1.62	0.040	--	7.04	0.174	--		1
o-Xylene	0.618	0.020	--	2.68	0.087	--		1
1,3,5-Trimethybenzene	0.282	0.020	--	1.39	0.098	--		1
1,2,4-Trimethylbenzene	1.12	0.020	--	5.51	0.098	--		1

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-02
Client ID: TRC-SV-03
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/19/23 10:00
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
Naphthalene	0.133	0.050	--	0.697	0.262	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	99		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-03 D
Client ID: TRC-SV-06
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/19/23 13:25
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/27/23 23:27
Analyst: JMB

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Chloromethane	ND	0.588	--	ND	1.21	--		2.941
Vinyl chloride	ND	0.059	--	ND	0.150	--		2.941
Chloroethane	ND	0.294	--	ND	0.776	--		2.941
1,1-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
Methylene chloride	ND	1.47	--	ND	5.11	--		2.941
trans-1,2-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
1,1-Dichloroethane	ND	0.059	--	ND	0.238	--		2.941
Methyl tert butyl ether	ND	0.588	--	ND	2.12	--		2.941
cis-1,2-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
1,2-Dichloroethane	ND	0.059	--	ND	0.238	--		2.941
1,1,1-Trichloroethane	ND	0.059	--	ND	0.321	--		2.941
Benzene	2.22	0.294	--	7.09	0.939	--		2.941
Carbon tetrachloride	ND	0.059	--	ND	0.370	--		2.941
1,2-Dichloropropane	ND	0.059	--	ND	0.272	--		2.941
Trichloroethene	ND	0.059	--	ND	0.316	--		2.941
Toluene	58.2	0.294	--	219	1.11	--		2.941
Tetrachloroethene	0.294	0.059	--	1.99	0.399	--		2.941
Chlorobenzene	ND	0.294	--	ND	1.35	--		2.941
Ethylbenzene	1.35	0.059	--	5.86	0.255	--		2.941
p/m-Xylene	4.86	0.118	--	21.1	0.513	--		2.941
o-Xylene	1.80	0.059	--	7.82	0.255	--		2.941
1,3,5-Trimethybenzene	0.391	0.059	--	1.92	0.289	--		2.941
1,2,4-Trimethylbenzene	1.44	0.059	--	7.08	0.289	--		2.941

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-03 D
Client ID: TRC-SV-06
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/19/23 13:25
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Dichlorobenzene	ND	0.059	--	ND	0.354	--		2.941
1,2-Dichlorobenzene	ND	0.059	--	ND	0.354	--		2.941
Naphthalene	ND	0.147	--	ND	0.771	--		2.941

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	97		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-04 D
Client ID: TRC-SV-01
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/19/23 13:30
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/28/23 00:05
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Chloromethane	0.402	0.400	--	0.830	0.826	--		2
Vinyl chloride	ND	0.040	--	ND	0.102	--		2
Chloroethane	ND	0.200	--	ND	0.528	--		2
1,1-Dichloroethene	ND	0.040	--	ND	0.159	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
trans-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
1,1-Dichloroethane	ND	0.040	--	ND	0.162	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
cis-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
1,2-Dichloroethane	ND	0.040	--	ND	0.162	--		2
1,1,1-Trichloroethane	0.068	0.040	--	0.371	0.218	--		2
Benzene	17.1	0.200	--	54.6	0.639	--		2
Carbon tetrachloride	ND	0.040	--	ND	0.252	--		2
1,2-Dichloropropane	ND	0.040	--	ND	0.185	--		2
Trichloroethene	ND	0.040	--	ND	0.215	--		2
Toluene	99.4	0.200	--	375	0.754	--		2
Tetrachloroethene	0.218	0.040	--	1.48	0.271	--		2
Chlorobenzene	ND	0.200	--	ND	0.921	--		2
Ethylbenzene	10.5	0.040	--	45.6	0.174	--		2
p/m-Xylene	32.5	0.080	--	141	0.347	--		2
o-Xylene	12.0	0.040	--	52.1	0.174	--		2
1,3,5-Trimethybenzene	2.16	0.040	--	10.6	0.197	--		2
1,2,4-Trimethylbenzene	7.16	0.040	--	35.2	0.197	--		2

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-04 D
Client ID: TRC-SV-01
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/19/23 13:30
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Dichlorobenzene	ND	0.040	--	ND	0.240	--		2
1,2-Dichlorobenzene	ND	0.040	--	ND	0.240	--		2
Naphthalene	0.316	0.100	--	1.66	0.524	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	99		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-05 D
Client ID: TRC-SV-04
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 10:30
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/28/23 06:44
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Tetrachloroethene	110	0.400	--	746	2.71	--		2

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	109		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	100		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-05 D
Client ID: TRC-SV-04
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 10:30
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/28/23 06:44
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Chloromethane	ND	0.400	--	ND	0.826	--		2
Vinyl chloride	ND	0.040	--	ND	0.102	--		2
Chloroethane	ND	0.200	--	ND	0.528	--		2
1,1-Dichloroethene	ND	0.040	--	ND	0.159	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
trans-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
1,1-Dichloroethane	ND	0.040	--	ND	0.162	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
cis-1,2-Dichloroethene	ND	0.040	--	ND	0.159	--		2
1,2-Dichloroethane	ND	0.040	--	ND	0.162	--		2
1,1,1-Trichloroethane	0.678	0.040	--	3.70	0.218	--		2
Benzene	1.10	0.200	--	3.51	0.639	--		2
Carbon tetrachloride	ND	0.040	--	ND	0.252	--		2
1,2-Dichloropropane	ND	0.040	--	ND	0.185	--		2
Trichloroethene	0.126	0.040	--	0.677	0.215	--		2
Toluene	4.11	0.200	--	15.5	0.754	--		2
Chlorobenzene	ND	0.200	--	ND	0.921	--		2
Ethylbenzene	0.810	0.040	--	3.52	0.174	--		2
p/m-Xylene	3.35	0.080	--	14.6	0.347	--		2
o-Xylene	1.49	0.040	--	6.47	0.174	--		2
1,3,5-Trimethybenzene	0.514	0.040	--	2.53	0.197	--		2
1,2,4-Trimethylbenzene	1.58	0.040	--	7.77	0.197	--		2
1,3-Dichlorobenzene	ND	0.040	--	ND	0.240	--		2

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-05 D
Client ID: TRC-SV-04
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 10:30
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.040	--	ND	0.240	--		2
Naphthalene	0.120	0.100	--	0.629	0.524	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	107		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	95		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-06 D
Client ID: TRC-SV-07
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 10:35
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/28/23 07:21
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Chloromethane	ND	2.00	--	ND	4.13	--		10
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
Chloroethane	ND	1.00	--	ND	2.64	--		10
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		10
1,1,1-Trichloroethane	0.360	0.200	--	1.96	1.09	--		10
Benzene	5.09	1.00	--	16.3	3.19	--		10
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		10
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		10
Trichloroethene	ND	0.200	--	ND	1.07	--		10
Toluene	4.76	1.00	--	17.9	3.77	--		10
Tetrachloroethene	18.6	0.200	--	126	1.36	--		10
Chlorobenzene	ND	1.00	--	ND	4.61	--		10
Ethylbenzene	0.730	0.200	--	3.17	0.869	--		10
p/m-Xylene	2.69	0.400	--	11.7	1.74	--		10
o-Xylene	1.09	0.200	--	4.73	0.869	--		10
1,3,5-Trimethybenzene	0.340	0.200	--	1.67	0.983	--		10
1,2,4-Trimethylbenzene	1.28	0.200	--	6.29	0.983	--		10

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-06 D
Client ID: TRC-SV-07
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 10:35
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		10
Naphthalene	ND	0.500	--	ND	2.62	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	102		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-07 D
Client ID: TRC-SV-08
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 11:48
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/28/23 02:19
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Chloromethane	ND	0.588	--	ND	1.21	--		2.941
Vinyl chloride	ND	0.059	--	ND	0.150	--		2.941
Chloroethane	ND	0.294	--	ND	0.776	--		2.941
1,1-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
Methylene chloride	ND	1.47	--	ND	5.11	--		2.941
trans-1,2-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
1,1-Dichloroethane	ND	0.059	--	ND	0.238	--		2.941
Methyl tert butyl ether	ND	0.588	--	ND	2.12	--		2.941
cis-1,2-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
1,2-Dichloroethane	ND	0.059	--	ND	0.238	--		2.941
1,1,1-Trichloroethane	0.235	0.059	--	1.28	0.321	--		2.941
Benzene	0.770	0.294	--	2.46	0.939	--		2.941
Carbon tetrachloride	ND	0.059	--	ND	0.370	--		2.941
1,2-Dichloropropane	ND	0.059	--	ND	0.272	--		2.941
Trichloroethene	0.082	0.059	--	0.442	0.316	--		2.941
Toluene	3.20	0.294	--	12.1	1.11	--		2.941
Tetrachloroethene	25.4	0.059	--	172	0.399	--		2.941
Chlorobenzene	ND	0.294	--	ND	1.35	--		2.941
Ethylbenzene	0.676	0.059	--	2.94	0.255	--		2.941
p/m-Xylene	2.67	0.118	--	11.6	0.513	--		2.941
o-Xylene	1.04	0.059	--	4.52	0.255	--		2.941
1,3,5-Trimethybenzene	0.353	0.059	--	1.74	0.289	--		2.941
1,2,4-Trimethylbenzene	1.34	0.059	--	6.59	0.289	--		2.941

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-07 D
Client ID: TRC-SV-08
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 11:48
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Dichlorobenzene	ND	0.059	--	ND	0.354	--		2.941
1,2-Dichlorobenzene	ND	0.059	--	ND	0.354	--		2.941
Naphthalene	ND	0.147	--	ND	0.771	--		2.941

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	101		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-08 D
Client ID: TRC-SV-05
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 13:35
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/28/23 02:56
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Chloromethane	ND	0.588	--	ND	1.21	--		2.941
Vinyl chloride	ND	0.059	--	ND	0.150	--		2.941
Chloroethane	ND	0.294	--	ND	0.776	--		2.941
1,1-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
Methylene chloride	ND	1.47	--	ND	5.11	--		2.941
trans-1,2-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
1,1-Dichloroethane	ND	0.059	--	ND	0.238	--		2.941
Methyl tert butyl ether	ND	0.588	--	ND	2.12	--		2.941
cis-1,2-Dichloroethene	ND	0.059	--	ND	0.233	--		2.941
1,2-Dichloroethane	ND	0.059	--	ND	0.238	--		2.941
1,1,1-Trichloroethane	ND	0.059	--	ND	0.321	--		2.941
Benzene	4.38	0.294	--	14.0	0.939	--		2.941
Carbon tetrachloride	ND	0.059	--	ND	0.370	--		2.941
1,2-Dichloropropane	ND	0.059	--	ND	0.272	--		2.941
Trichloroethene	0.091	0.059	--	0.490	0.316	--		2.941
Toluene	17.2	0.294	--	64.8	1.11	--		2.941
Tetrachloroethene	0.279	0.059	--	1.89	0.399	--		2.941
Chlorobenzene	ND	0.294	--	ND	1.35	--		2.941
Ethylbenzene	1.23	0.059	--	5.34	0.255	--		2.941
p/m-Xylene	4.49	0.118	--	19.5	0.513	--		2.941
o-Xylene	1.72	0.059	--	7.47	0.255	--		2.941
1,3,5-Trimethybenzene	0.518	0.059	--	2.55	0.289	--		2.941
1,2,4-Trimethylbenzene	1.90	0.059	--	9.34	0.289	--		2.941

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782
Lab Number: L2355251
Report Date: 10/05/23

SAMPLE RESULTS

Lab ID: L2355251-08 D
Client ID: TRC-SV-05
Sample Location: 257 FRANKLIN ST BROOKLYN, NY

Date Collected: 09/20/23 13:35
Date Received: 09/20/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,3-Dichlorobenzene	ND	0.059	--	ND	0.354	--		2.941
1,2-Dichlorobenzene	ND	0.059	--	ND	0.354	--		2.941
Naphthalene	0.194	0.147	--	1.02	0.771	--		2.941

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	105		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: 257 FRANKLIN ST PHASE II **Lab Number:** L2355251

Project Number: 549782 **Report Date:** 10/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/27/23 18:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-08 Batch: WG1832783-4								
Chloromethane	ND	0.200	--	ND	0.413	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: 257 FRANKLIN ST PHASE II **Lab Number:** L2355251

Project Number: 549782 **Report Date:** 10/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 09/27/23 18:43

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-08 Batch: WG1832783-4								
Naphthalene	ND	0.050	--	ND	0.262	--		1

Project Name: 257 FRANKLIN ST PHASE II **Lab Number:** L2355251

Project Number: 549782 **Report Date:** 10/05/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/27/23 18:04

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05 Batch: WG1832794-4								
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II

Project Number: 549782

Lab Number: L2355251

Report Date: 10/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 Batch: WG1832783-3								
Chloromethane	92		-		70-130	-		25
Vinyl chloride	104		-		70-130	-		25
Chloroethane	102		-		70-130	-		25
1,1-Dichloroethene	89		-		70-130	-		25
Methylene chloride	96		-		70-130	-		25
trans-1,2-Dichloroethene	81		-		70-130	-		25
1,1-Dichloroethane	82		-		70-130	-		25
Methyl tert butyl ether	79		-		70-130	-		25
cis-1,2-Dichloroethene	87		-		70-130	-		25
1,2-Dichloroethane	77		-		70-130	-		25
1,1,1-Trichloroethane	90		-		70-130	-		25
Benzene	91		-		70-130	-		25
Carbon tetrachloride	92		-		70-130	-		25
1,2-Dichloropropane	94		-		70-130	-		25
Trichloroethene	101		-		70-130	-		25
Toluene	86		-		70-130	-		25
Tetrachloroethene	80		-		70-130	-		25
Chlorobenzene	88		-		70-130	-		25
Ethylbenzene	89		-		70-130	-		25
p/m-Xylene	91		-		70-130	-		25
o-Xylene	92		-		70-130	-		25
1,3,5-Trimethybenzene	90		-		70-130	-		25
1,2,4-Trimethylbenzene	90		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II

Project Number: 549782

Lab Number: L2355251

Report Date: 10/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 Batch: WG1832783-3								
1,3-Dichlorobenzene	93		-		70-130	-		25
1,2-Dichlorobenzene	87		-		70-130	-		25
Naphthalene	98		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST PHASE II

Project Number: 549782

Lab Number: L2355251

Report Date: 10/05/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05 Batch: WG1832794-3								
Tetrachloroethene	92		-		70-130	-		

Project Name: 257 FRANKLIN ST PHASE II

Lab Number: L2355251

Project Number: 549782

Report Date: 10/05/23

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2355251-01	TRC-SV-02	01833	Flow 1	09/15/23	437082		-	-	-	Pass	40.8	50	20
L2355251-01	TRC-SV-02	1654	6.0L Can	09/15/23	437082	L2347275-08	Pass	-29.4	-1.6	-	-	-	-
L2355251-02	TRC-SV-03	0141	Flow 2	09/15/23	437082		-	-	-	Pass	40.5	50	21
L2355251-02	TRC-SV-03	1576	6.0L Can	09/15/23	437082	L2338687-03	Pass	-29.6	-1.6	-	-	-	-
L2355251-03	TRC-SV-06	02103	Flow 2	09/15/23	437082		-	-	-	Pass	40.0	44	10
L2355251-03	TRC-SV-06	3919	6.0L Can	09/15/23	437082	L2347593-05	Pass	-29.8	-6.9	-	-	-	-
L2355251-04	TRC-SV-01	01841	Flow 2	09/15/23	437082		-	-	-	Pass	40.2	42	4
L2355251-04	TRC-SV-01	989	6.0L Can	09/15/23	437082	L2346029-03	Pass	-29.6	-6.9	-	-	-	-
L2355251-05	TRC-SV-04	02125	Flow 3	09/15/23	437082		-	-	-	Pass	40.0	49	20
L2355251-05	TRC-SV-04	3087	6.0L Can	09/15/23	437082	L2347593-06	Pass	-29.8	-6.6	-	-	-	-
L2355251-06	TRC-SV-07	0404	Flow 3	09/15/23	437082		-	-	-	Pass	40.5	35	15
L2355251-06	TRC-SV-07	2370	6.0L Can	09/15/23	437082	L2345548-02	Pass	-29.6	-9.5	-	-	-	-
L2355251-07	TRC-SV-08	0093	Flow 2	09/15/23	437082		-	-	-	Pass	40.0	42	5
L2355251-07	TRC-SV-08	1942	6.0L Can	09/15/23	437082	L2345053-08	Pass	-29.8	-5.8	-	-	-	-
L2355251-08	TRC-SV-05	01499	Flow 2	09/15/23	437082		-	-	-	Pass	40.8	44	8

Project Name: 257 FRANKLIN ST PHASE II

Lab Number: L2355251

Project Number: 549782

Report Date: 10/05/23

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2355251-08	TRC-SV-05	1593	6.0L Can	09/15/23	437082	L2352178-03	Pass	-29.8	-7.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2338687
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2338687-03
Client ID: CAN 1576 SHELF 40
Sample Location:

Date Collected: 07/06/23 14:00
Date Received: 07/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/10/23 17:50
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2338687
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2338687-03
Client ID: CAN 1576 SHELF 40
Sample Location:

Date Collected: 07/06/23 14:00
Date Received: 07/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2338687
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2338687-03
Client ID: CAN 1576 SHELF 40
Sample Location:

Date Collected: 07/06/23 14:00
Date Received: 07/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2338687
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2338687-03
Client ID: CAN 1576 SHELF 40
Sample Location:

Date Collected: 07/06/23 14:00
Date Received: 07/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2338687
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2338687-03
Client ID: CAN 1576 SHELF 40
Sample Location:

Date Collected: 07/06/23 14:00
Date Received: 07/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Cyclotrisiloxane, Hexamethyl-	1.1	NJ	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2338687
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2338687-03
Client ID: CAN 1576 SHELF 40
Sample Location:

Date Collected: 07/06/23 14:00
Date Received: 07/07/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/10/23 17:50
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2338687
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2338687-03
Client ID: CAN 1576 SHELF 40
Sample Location:

Date Collected: 07/06/23 14:00
Date Received: 07/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2338687
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2338687-03
Client ID: CAN 1576 SHELF 40
Sample Location:

Date Collected: 07/06/23 14:00
Date Received: 07/07/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345053
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345053-08
Client ID: CAN 1942 SHELF 52
Sample Location:

Date Collected: 08/04/23 11:00
Date Received: 08/04/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/08/23 20:37
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345053
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345053-08
Client ID: CAN 1942 SHELF 52
Sample Location:

Date Collected: 08/04/23 11:00
Date Received: 08/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345053
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345053-08
Client ID: CAN 1942 SHELF 52
Sample Location:

Date Collected: 08/04/23 11:00
Date Received: 08/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345053
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345053-08
Client ID: CAN 1942 SHELF 52
Sample Location:

Date Collected: 08/04/23 11:00
Date Received: 08/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345053
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345053-08
Client ID: CAN 1942 SHELF 52
Sample Location:

Date Collected: 08/04/23 11:00
Date Received: 08/04/23
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	74		60-140
Bromochloromethane	77		60-140
chlorobenzene-d5	82		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345053
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345053-08
Client ID: CAN 1942 SHELF 52
Sample Location:

Date Collected: 08/04/23 11:00
Date Received: 08/04/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/08/23 20:37
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345053
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345053-08
Client ID: CAN 1942 SHELF 52
Sample Location:

Date Collected: 08/04/23 11:00
Date Received: 08/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345053
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345053-08
Client ID: CAN 1942 SHELF 52
Sample Location:

Date Collected: 08/04/23 11:00
Date Received: 08/04/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	78		60-140
bromochloromethane	80		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345548
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345548-02
Client ID: CAN 2370 SHELF 33
Sample Location:

Date Collected: 08/07/23 18:00
Date Received: 08/08/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/17/23 19:52
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345548
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345548-02
Client ID: CAN 2370 SHELF 33
Sample Location:

Date Collected: 08/07/23 18:00
Date Received: 08/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345548
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345548-02
Client ID: CAN 2370 SHELF 33
Sample Location:

Date Collected: 08/07/23 18:00
Date Received: 08/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345548
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345548-02
Client ID: CAN 2370 SHELF 33
Sample Location:

Date Collected: 08/07/23 18:00
Date Received: 08/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345548
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345548-02
Client ID: CAN 2370 SHELF 33
Sample Location:

Date Collected: 08/07/23 18:00
Date Received: 08/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345548
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345548-02
Client ID: CAN 2370 SHELF 33
Sample Location:

Date Collected: 08/07/23 18:00
Date Received: 08/08/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/17/23 19:52
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345548
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345548-02
Client ID: CAN 2370 SHELF 33
Sample Location:

Date Collected: 08/07/23 18:00
Date Received: 08/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2345548
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2345548-02
Client ID: CAN 2370 SHELF 33
Sample Location:

Date Collected: 08/07/23 18:00
Date Received: 08/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2346029
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2346029-03
Client ID: CAN 989 SHELF 62
Sample Location:

Date Collected: 08/08/23 19:00
Date Received: 08/09/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/16/23 17:34
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2346029
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2346029-03
Client ID: CAN 989 SHELF 62
Sample Location:

Date Collected: 08/08/23 19:00
Date Received: 08/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2346029
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2346029-03
Client ID: CAN 989 SHELF 62
Sample Location:

Date Collected: 08/08/23 19:00
Date Received: 08/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2346029
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2346029-03
Client ID: CAN 989 SHELF 62
Sample Location:

Date Collected: 08/08/23 19:00
Date Received: 08/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2346029
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2346029-03
Client ID: CAN 989 SHELF 62
Sample Location:

Date Collected: 08/08/23 19:00
Date Received: 08/09/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347275
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347275-08
Client ID: CAN 1654 SHELF 64
Sample Location:

Date Collected: 08/16/23 09:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/18/23 05:59
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347275
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347275-08
Client ID: CAN 1654 SHELF 64
Sample Location:

Date Collected: 08/16/23 09:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347275
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347275-08
Client ID: CAN 1654 SHELF 64
Sample Location:

Date Collected: 08/16/23 09:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347275
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347275-08
Client ID: CAN 1654 SHELF 64
Sample Location:

Date Collected: 08/16/23 09:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347275
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347275-08
Client ID: CAN 1654 SHELF 64
Sample Location:

Date Collected: 08/16/23 09:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	75		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347275
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347275-08
Client ID: CAN 1654 SHELF 64
Sample Location:

Date Collected: 08/16/23 09:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/18/23 05:59
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347275
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347275-08
Client ID: CAN 1654 SHELF 64
Sample Location:

Date Collected: 08/16/23 09:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347275
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347275-08
Client ID: CAN 1654 SHELF 64
Sample Location:

Date Collected: 08/16/23 09:00
Date Received: 08/16/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	74		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-05
Client ID: CAN 3919 SHELF 53
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/18/23 21:04
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-05
Client ID: CAN 3919 SHELF 53
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-05
Client ID: CAN 3919 SHELF 53
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-05
Client ID: CAN 3919 SHELF 53
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-05
Client ID: CAN 3919 SHELF 53
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-05
Client ID: CAN 3919 SHELF 53
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/18/23 21:04
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-05
Client ID: CAN 3919 SHELF 53
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-05
Client ID: CAN 3919 SHELF 53
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-06
Client ID: CAN 3087 SHELF 54
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/18/23 21:42
Analyst: TJS

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-06
Client ID: CAN 3087 SHELF 54
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-06
Client ID: CAN 3087 SHELF 54
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-06
Client ID: CAN 3087 SHELF 54
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-06
Client ID: CAN 3087 SHELF 54
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-06
Client ID: CAN 3087 SHELF 54
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/18/23 21:42
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-06
Client ID: CAN 3087 SHELF 54
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2347593
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2347593-06
Client ID: CAN 3087 SHELF 54
Sample Location:

Date Collected: 08/17/23 07:00
Date Received: 08/17/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2352178-03
Client ID: CAN 1593 SHELF 40
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/08/23 21:17
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2352178-03
Client ID: CAN 1593 SHELF 40
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2352178-03
Client ID: CAN 1593 SHELF 40
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2352178-03
Client ID: CAN 1593 SHELF 40
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2352178-03
Client ID: CAN 1593 SHELF 40
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2352178-03
Client ID: CAN 1593 SHELF 40
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/08/23 21:17
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2352178-03
Client ID: CAN 1593 SHELF 40
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2352178
Report Date: 10/05/23

Air Canister Certification Results

Lab ID: L2352178-03
Client ID: CAN 1593 SHELF 40
Sample Location:

Date Collected: 09/07/23 18:00
Date Received: 09/08/23
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140

Project Name: 257 FRANKLIN ST PHASE II
Project Number: 549782

Lab Number: L2355251
Report Date: 10/05/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355251-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2355251-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2355251-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2355251-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2355251-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2355251-06A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2355251-07A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2355251-08A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	257 FRANKLIN ST PHASE II	**Lab Number:**	L2355251
Project Number:	549782	**Report Date:**	10/05/23

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.

Report Format: Data Usability Report

Project Name:	257 FRANKLIN ST PHASE II	**Lab Number:**	L2355251
Project Number:	549782	**Report Date:**	10/05/23

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. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report

Project Name:	257 FRANKLIN ST PHASE II	**Lab Number:**	L2355251
Project Number:	549782	**Report Date:**	10/05/23

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

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

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less 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.)

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

ALPHA ANALYTICAL

CHAIN OF CUSTODY

PAGE 1 OF 1

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/21/23

ALPHA Job #: L2355251

Client Information

Client: TRC Engineers, Inc
Address: 1430 Broadway 10th Floor New York, NY
Phone: 212-221-7822
Fax: 212-221-7840
Email: sambrose@trccompanies.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 257 Franklin st Phase II
Project Location: 257 Franklin st Brooklyn, NY
Project #: 549782
Project Manager: Sam Ambrose
ALPHA Quote #: NYCSCA Project

Turn-Around Time

☐ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 5 Day TAT Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☒ Additional Deliverables: Cat-B Deliverables
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: 26-Compound List Via TO-15.

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
55251-01	TRC-SV-02	9/19	0813	1013	-29.65	-2.75	SV	MK/HD	6L	1654	01833	X					
02	TRC-SV-03	9/19	0800	1000	-29.48	-0.69	SV	MK/HD	6L	1576	0141	X					
03	TRC-SV-06	9/19	1125	1325	-29.95	-4.69	SV	MK/HD	6L	3919	02103	X					
04	TRC-SV-01	9/19	1130	1330	-30.24	-5.27	SV	MK/HD	6L	989	01841	X					
05	TRC-SV-04	9/20	0830	1030	-29.87	-1.27	SV	MK/HD	6L	3087	02125	X					
06	TRC-SV-07	9/20	0835	1035	-29.72	-9.27	SV	MK/HD	6L	2370	0404	X					
07	TRC-SV-08	9/20	0948	1148	-30.20	-5.58	SV	MK/HD	6L	1942	0093	X					
08	TRC-SV-05	9/20	1135	1335	-29.98	-6.53	SV	MK/HD	6L	1593	01444	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: CS

Relinquished By:	Date/Time	Received By:	Date/Time:
Anthony Green	9/20 1520 9/20/23 18:10 9/21/23 0100 9/21/23 0530	Anthony Green	9/20/23 1520 SEP 20 2023 2052 9/21/23 0100 9/21/23 0530

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2355942
Client:	TRC Environmental Corp 1430 Broadway 10th Floor New York, NY 10018
ATTN:	Sam Ambrose
Phone:	(212) 221-7822
Project Name:	257 FRANKLIN ST. PHASE II ESI
Project Number:	549782
Report Date:	10/16/23

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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

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2355942-01	TRC-GW-04	WATER	257 FRANKLIN STREET, BROOKLYN, NY	09/22/23 08:40	09/22/23
L2355942-02	TRC-GW-07	WATER	257 FRANKLIN STREET, BROOKLYN, NY	09/22/23 09:20	09/22/23

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355942
Project Number:	549782	**Report Date:**	10/16/23

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.

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355942
Project Number:	549782	**Report Date:**	10/16/23

Case Narrative (continued)

Report Revision

October 16, 2023: The Volatile Organics reporting list has been corrected on L2355942-01 and -02 to include Tetrachloroethene.

Report Submission

October 13, 2023: This final report includes the results of all requested analyses.

Report Revision

October 05, 2023: This is a preliminary report. The Volatile Organics, Semivolatile Organics, Semivolatile Organics-SIM, Total Metals, and Dissolved Metals analyte lists have been amended.

Report Submission

September 29, 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

L2355942-02: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Total Metals

L2355942-02: The initial analysis yielded a high Relative Standard Deviation (>30%) for arsenic. Re-analysis confirmed the original result.

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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/16/23

ORGANICS

VOLATILES

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-01
Client ID: TRC-GW-04
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/22/23 08:40
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/25/23 13:16
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	1.4		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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-01 Date Collected: 09/22/23 08:40

Client ID: TRC-GW-04 Date Received: 09/22/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.9		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	18		ug/l	5.0	1.9	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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355942-01	Date Collected:	09/22/23 08:40
Client ID:	TRC-GW-04	Date Received:	09/22/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02 Date Collected: 09/22/23 09:20
Client ID: TRC-GW-07 Date Received: 09/22/23
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/25/23 13:38
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	0.75		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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02 Date Collected: 09/22/23 09:20

Client ID: TRC-GW-07 Date Received: 09/22/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355942-02	Date Collected:	09/22/23 09:20
Client ID:	TRC-GW-07	Date Received:	09/22/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	103		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 08:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832049-5					
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
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
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 08:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832049-5					
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
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
1,2-Dibromo-3-chloropropane	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
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 08:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832049-5					
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832049-3 WG1832049-4								
Methylene chloride	97		94		70-130	3		20
1,1-Dichloroethane	99		94		70-130	5		20
Chloroform	100		94		70-130	6		20
Carbon tetrachloride	91		86		63-132	6		20
1,2-Dichloropropane	100		99		70-130	1		20
Dibromochloromethane	93		88		63-130	6		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	93		83		70-130	11		20
Chlorobenzene	99		90		75-130	10		20
Trichlorofluoromethane	140		130		62-150	7		20
1,2-Dichloroethane	94		97		70-130	3		20
1,1,1-Trichloroethane	98		91		67-130	7		20
Bromodichloromethane	95		94		67-130	1		20
trans-1,3-Dichloropropene	100		95		70-130	5		20
cis-1,3-Dichloropropene	95		91		70-130	4		20
Bromoform	82		80		54-136	2		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	100		95		70-130	5		20
Toluene	100		93		70-130	7		20
Ethylbenzene	100		94		70-130	6		20
Chloromethane	89		85		64-130	5		20
Bromomethane	96		95		39-139	1		20
Vinyl chloride	130		120		55-140	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832049-3 WG1832049-4								
Chloroethane	**150**	Q	**150**	Q	55-138	0		20
1,1-Dichloroethene	94		93		61-145	1		20
trans-1,2-Dichloroethene	96		89		70-130	8		20
Trichloroethene	94		87		70-130	8		20
1,2-Dichlorobenzene	92		88		70-130	4		20
1,3-Dichlorobenzene	95		86		70-130	10		20
1,4-Dichlorobenzene	95		88		70-130	8		20
Methyl tert butyl ether	93		93		63-130	0		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	90		85		70-130	6		20
cis-1,2-Dichloroethene	96		93		70-130	3		20
Styrene	90		85		70-130	6		20
Dichlorodifluoromethane	85		82		36-147	4		20
Acetone	80		96		58-148	18		20
Carbon disulfide	99		91		51-130	8		20
2-Butanone	80		88		63-138	10		20
4-Methyl-2-pentanone	85		94		59-130	10		20
2-Hexanone	77		85		57-130	10		20
Bromochloromethane	88		89		70-130	1		20
1,2-Dibromoethane	96		96		70-130	0		20
Bromobenzene	93		88		70-130	6		20
n-Butylbenzene	110		95		53-136	15		20
sec-Butylbenzene	100		92		70-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832049-3 WG1832049-4								
tert-Butylbenzene	98		89		70-130	10		20
1,2-Dibromo-3-chloropropane	80		90		41-144	12		20
Isopropylbenzene	99		91		70-130	8		20
p-Isopropyltoluene	96		85		70-130	12		20
Naphthalene	84		86		70-130	2		20
n-Propylbenzene	100		95		69-130	5		20
1,2,3-Trichlorobenzene	89		83		70-130	7		20
1,2,4-Trichlorobenzene	90		83		70-130	8		20
1,3,5-Trimethylbenzene	97		90		64-130	7		20
1,2,4-Trimethylbenzene	97		88		70-130	10		20
Methyl Acetate	92		97		70-130	5		20
Cyclohexane	96		92		70-130	4		20
Freon-113	98		93		70-130	5		20
Methyl cyclohexane	98		92		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		107		70-130
Toluene-d8	107		104		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	97		100		70-130

SEMIVOLATILES

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-01
Client ID: TRC-GW-04
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/22/23 08:40
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/28/23 19:15
Analyst: MG

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
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
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

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-01 Date Collected: 09/22/23 08:40

Client ID: TRC-GW-04 Date Received: 09/22/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds

Total TIC Compounds	9.84	J	ug/l	1
Unknown Organic Acid	4.65	J	ug/l	1
Unknown Organic Acid	2.94	J	ug/l	1
Unknown	2.25	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	76		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-01
Client ID: TRC-GW-04
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/22/23 08:40
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/28/23 13:28
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.05	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.01	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.18		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.08	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51	1
Hexachloroethane	ND		ug/l	0.80	0.06	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355942-01	Date Collected:	09/22/23 08:40
Client ID:	TRC-GW-04	Date Received:	09/22/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	62		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02
Client ID: TRC-GW-07
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/22/23 09:20
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/29/23 09:18
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
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
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

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02 Date Collected: 09/22/23 09:20

Client ID: TRC-GW-07 Date Received: 09/22/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds						
Total TIC Compounds	2.25	J	ug/l			1
Unknown	2.25	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	95		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02
Client ID: TRC-GW-07
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/22/23 09:20
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/29/23 10:11
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.09	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51	1
Hexachloroethane	ND		ug/l	0.80	0.06	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355942-02	Date Collected:	09/22/23 09:20
Client ID:	TRC-GW-07	Date Received:	09/22/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	82		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02
Client ID: TRC-GW-07
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/22/23 09:20
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 144,1633
Analytical Date: 10/06/23 18:39
Analyst: JW

Extraction Method: EPA 1633
Extraction Date: 10/04/23 17:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	12.7		ng/l	6.85	1.10	1
Perfluoropentanoic Acid (PFPeA)	11.4		ng/l	3.43	0.916	1
Perfluorobutanesulfonic Acid (PFBS)	3.87		ng/l	1.71	0.574	1
Perfluorohexanoic Acid (PFHxA)	15.2		ng/l	1.71	0.505	1
Perfluoroheptanoic Acid (PFHpA)	18.7		ng/l	1.71	0.343	1
Perfluorohexanesulfonic Acid (PFHxS)	2.24		ng/l	1.71	0.411	1
Perfluorooctanoic Acid (PFOA)	44.2		ng/l	1.71	0.745	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.85	2.31	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.71	0.462	1
Perfluorononanoic Acid (PFNA)	0.951	J	ng/l	1.71	0.540	1
Perfluorooctanesulfonic Acid (PFOS)	8.13		ng/l	1.71	0.779	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.71	0.694	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.85	2.66	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.71	0.934	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.71	0.745	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.71	0.394	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.71	0.462	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.71	0.925	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.71	0.788	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.71	0.642	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.71	0.454	1
PFOA/PFOS, Total	52.3		ng/l	1.71	0.745	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02 Date Collected: 09/22/23 09:20

Client ID: TRC-GW-07 Date Received: 09/22/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

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)	78		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	**207**	Q	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)	96		20-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	84		20-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	142		20-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	78		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)	93		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	**172**	Q	20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	105		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)	86		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	109		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	54		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	79		20-150

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/23 11:48
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832946-1					
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
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
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
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
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
Dimethyl phthalate	ND		ug/l	5.0	1.8
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
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

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/23 11:48
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832946-1					
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
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
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
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/23 11:48
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832946-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	63		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/28/23 10:33
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1832947-1					
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	0.05	J	ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51
Hexachloroethane	ND		ug/l	0.80	0.06
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/28/23 10:33
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1832947-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	61		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/05/23 18:49
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 10/04/23 17:03

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1835651-1					
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: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 10/05/23 18:49
Analyst: RS

Extraction Method: EPA 1633
Extraction Date: 10/04/23 17:03

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 02 Batch: WG1835651-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	84		20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89		20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	89		20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		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)	88		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)	81		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)	74		20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	62		20-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	68		20-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	65		20-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	57		20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	49		20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77		20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	32		20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	34		20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	67		20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	58		20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832946-2 WG1832946-3								
3,3'-Dichlorobenzidine	57		60		40-140	5		30
2,4-Dinitrotoluene	58		56		48-143	4		30
2,6-Dinitrotoluene	55		59		40-140	7		30
4-Chlorophenyl phenyl ether	54		58		40-140	7		30
4-Bromophenyl phenyl ether	56		59		40-140	5		30
Bis(2-chloroisopropyl)ether	54		55		40-140	2		30
Bis(2-chloroethoxy)methane	52		56		40-140	7		30
Hexachlorocyclopentadiene	50		50		40-140	0		30
Isophorone	54		55		40-140	2		30
Nitrobenzene	54		56		40-140	4		30
NDPA/DPA	57		59		40-140	3		30
n-Nitrosodi-n-propylamine	53		56		29-132	6		30
Butyl benzyl phthalate	62		61		40-140	2		30
Di-n-butylphthalate	59		60		40-140	2		30
Di-n-octylphthalate	57		54		40-140	5		30
Diethyl phthalate	58		61		40-140	5		30
Dimethyl phthalate	58		57		40-140	2		30
Biphenyl	56		58		40-140	4		30
4-Chloroaniline	55		55		40-140	0		30
2-Nitroaniline	56		54		52-143	4		30
3-Nitroaniline	49		54		25-145	10		30
4-Nitroaniline	53		59		51-143	11		30
Dibenzofuran	55		58		40-140	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832946-2 WG1832946-3								
1,2,4,5-Tetrachlorobenzene	55		58		2-134	5		30
Acetophenone	56		55		39-129	2		30
2,4,6-Trichlorophenol	60		61		30-130	2		30
p-Chloro-m-cresol	55		57		23-97	4		30
2-Chlorophenol	52		53		27-123	2		30
2,4-Dichlorophenol	59		61		30-130	3		30
2,4-Dimethylphenol	60		59		30-130	2		30
2-Nitrophenol	51		55		30-130	8		30
4-Nitrophenol	43		44		10-80	2		30
2,4-Dinitrophenol	80		82		20-130	2		30
4,6-Dinitro-o-cresol	54		51		20-164	6		30
Phenol	37		37		12-110	0		30
2-Methylphenol	50		54		30-130	8		30
3-Methylphenol/4-Methylphenol	50		51		30-130	2		30
2,4,5-Trichlorophenol	60		59		30-130	2		30
Carbazole	57		61		55-144	7		30
Atrazine	61		61		40-140	0		30
Benzaldehyde	69		68		40-140	1		30
Caprolactam	38		38		10-130	0		30
2,3,4,6-Tetrachlorophenol	66		69		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832946-2 WG1832946-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		46		21-120
Phenol-d6	38		37		10-120
Nitrobenzene-d5	56		60		23-120
2-Fluorobiphenyl	55		55		15-120
2,4,6-Tribromophenol	61		61		10-120
4-Terphenyl-d14	55		56		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1832947-2 WG1832947-3								
Acenaphthene	64		62		40-140	3		40
2-Chloronaphthalene	59		59		40-140	0		40
Fluoranthene	66		63		40-140	5		40
Hexachlorobutadiene	49		48		40-140	2		40
Naphthalene	62		60		40-140	3		40
Benzo(a)anthracene	74		71		40-140	4		40
Benzo(a)pyrene	77		74		40-140	4		40
Benzo(b)fluoranthene	73		72		40-140	1		40
Benzo(k)fluoranthene	76		72		40-140	5		40
Chrysene	68		64		40-140	6		40
Acenaphthylene	67		66		40-140	2		40
Anthracene	70		67		40-140	4		40
Benzo(ghi)perylene	69		64		40-140	8		40
Fluorene	66		65		40-140	2		40
Phenanthrene	63		60		40-140	5		40
Dibenzo(a,h)anthracene	68		64		40-140	6		40
Indeno(1,2,3-cd)pyrene	70		64		40-140	9		40
Pyrene	64		60		40-140	6		40
2-Methylnaphthalene	64		63		40-140	2		40
Pentachlorophenol	78		76		40-140	3		40
Hexachlorobenzene	56		54		40-140	4		40
Bis(2-Ethylhexyl)phthalate	87		89		40-140	2		40
Hexachloroethane	71		70		40-140	1		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1832947-2 WG1832947-3								
Bis(2-chloroethyl)ether	72		71		40-140	1		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		64		21-120
Phenol-d6	59		58		10-120
Nitrobenzene-d5	96		96		23-120
2-Fluorobiphenyl	60		60		15-120
2,4,6-Tribromophenol	84		84		10-120
4-Terphenyl-d14	57		56		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1835651-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	102		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	90		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	94		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	109		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	100		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	99		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	99		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	96		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	108		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	108		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	120		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	86		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	98		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	84		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	89		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	99		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	105		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1835651-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	92				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	102				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	101				20-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94				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)	93				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)	85				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)	90				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)	73				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)	74				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	82				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	63				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	109				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90				20-150

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1835651-3								
Perfluorobutanoic Acid (PFBA)	106		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	101		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	97		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	105		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	105		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	97		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	105		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	108		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	109		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	110		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	109		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	107		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	104		-		40-150	-		30
Perfluorotridecanoic Acid (PFTrDA)	110		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	104		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 02 Batch: WG1835651-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	85				20-150
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				20-150
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	88				20-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	87				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)	90				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)	86				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)	82				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)	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)	71				20-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	78				20-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75				20-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78				20-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77				20-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	60				20-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	61				20-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	103				20-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	88				20-150

PCBS

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-01
Client ID: TRC-GW-04
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/22/23 08:40
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/28/23 19:16
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 09/27/23 16:12
Cleanup Method: EPA 3665A
Cleanup Date: 09/27/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/23

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	75		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02
Client ID: TRC-GW-07
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/22/23 09:20
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/28/23 19:25
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 09/27/23 16:12
Cleanup Method: EPA 3665A
Cleanup Date: 09/27/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/23

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	76		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/28/23 11:34
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 09/27/23 16:12
Cleanup Method: EPA 3665A
Cleanup Date: 09/27/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1832791-1						
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	72		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	84		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1832791-2 WG1832791-3									
Aroclor 1016	74		68		40-140	9		50	A
Aroclor 1260	71		66		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		67		30-150	A
Decachlorobiphenyl	79		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		72		30-150	B
Decachlorobiphenyl	90		78		30-150	B

METALS

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-01
Client ID: TRC-GW-04
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY
Date Collected: 09/22/23 08:40
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00115		mg/l	0.00050	0.00016	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Barium, Total	0.2601		mg/l	0.00050	0.00017	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00103		mg/l	0.00050	0.00010	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00081		mg/l	0.00020	0.00005	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Chromium, Total	0.02123		mg/l	0.00100	0.00017	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.02206		mg/l	0.00050	0.00016	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Copper, Total	0.03177		mg/l	0.00100	0.00038	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Lead, Total	0.05485		mg/l	0.00100	0.00034	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Manganese, Total	1.178		mg/l	0.00100	0.00044	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/25/23 09:35	09/25/23 13:44	EPA 7470A	1,7470A	MJR
Nickel, Total	0.03618		mg/l	0.00200	0.00055	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Selenium, Total	0.0219		mg/l	0.00500	0.00173	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00022	J	mg/l	0.00100	0.00014	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.02661		mg/l	0.00500	0.00157	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Zinc, Total	0.1108		mg/l	0.01000	0.00341	1	09/25/23 07:51	09/26/23 08:24	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.00059	J	mg/l	0.00400	0.00042	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00032	J	mg/l	0.00050	0.00016	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.1189		mg/l	0.00050	0.00017	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	0.00021		mg/l	0.00020	0.00005	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.00190		mg/l	0.00100	0.00017	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00138		mg/l	0.00050	0.00016	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00442		mg/l	0.00100	0.00038	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Lead, Dissolved	0.00294		mg/l	0.00100	0.00034	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.1625		mg/l	0.00100	0.00044	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00021	0.00009	1	09/26/23 13:36	09/28/23 14:05	EPA 7470A	1,7470A	DMB

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-01 Date Collected: 09/22/23 08:40

Client ID: TRC-GW-04 Date Received: 09/22/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Nickel, Dissolved	0.00821		mg/l	0.00200	0.00055	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	0.0122		mg/l	0.00500	0.00173	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	0.00243	J	mg/l	0.00500	0.00157	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	0.01114		mg/l	0.01000	0.00341	1	09/26/23 12:33	09/28/23 12:48	EPA 3005A	1,6020B	EJF

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2355942
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02
Client ID: TRC-GW-07
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY
Date Collected: 09/22/23 09:20
Date Received: 09/22/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00110		mg/l	0.00050	0.00016	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Barium, Total	0.06873		mg/l	0.00050	0.00017	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00014	J	mg/l	0.00050	0.00010	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00013	J	mg/l	0.00020	0.00005	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00269		mg/l	0.00100	0.00017	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00393		mg/l	0.00050	0.00016	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Copper, Total	0.00690		mg/l	0.00100	0.00038	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Lead, Total	0.00693		mg/l	0.00100	0.00034	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Manganese, Total	0.2461		mg/l	0.00100	0.00044	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/25/23 09:35	09/25/23 13:47	EPA 7470A	1,7470A	MJR
Nickel, Total	0.00358		mg/l	0.00200	0.00055	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Selenium, Total	0.0200		mg/l	0.00500	0.00173	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.00461	J	mg/l	0.00500	0.00157	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Zinc, Total	0.03301		mg/l	0.01000	0.00341	1	09/25/23 07:51	09/26/23 07:37	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.00065	J	mg/l	0.00400	0.00042	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00048	J	mg/l	0.00050	0.00016	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.04527		mg/l	0.00050	0.00017	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.00041	J	mg/l	0.00100	0.00017	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00058		mg/l	0.00050	0.00016	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00310		mg/l	0.00100	0.00038	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.08603		mg/l	0.00100	0.00044	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00021	0.00009	1	09/26/23 13:36	09/28/23 13:49	EPA 7470A	1,7470A	DMB

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355942-02 Date Collected: 09/22/23 09:20

Client ID: TRC-GW-07 Date Received: 09/22/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Nickel, Dissolved	0.00113	J	mg/l	0.00200	0.00055	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	0.0119		mg/l	0.00500	0.00173	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	0.00025	J	mg/l	0.00100	0.00014	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	0.01286		mg/l	0.01000	0.00341	1	09/26/23 12:33	09/28/23 13:27	EPA 3005A	1,6020B	EJF

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1831415-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Manganese, Total	0.00060	J	mg/l	0.00100	0.00044	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/25/23 07:51	09/26/23 07:05	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1831416-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/25/23 09:35	09/25/23 13:16	1,7470A	MJR

Prep Information

Digestion Method: EPA 7470A

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355942

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1831708-1										
Antimony, Dissolved	0.00056	J	mg/l	0.00400	0.00042	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/26/23 12:33	09/28/23 12:11	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1831709-1										
Mercury, Dissolved	ND		mg/l	0.00021	0.00009	1	09/26/23 13:36	09/28/23 13:42	1,7470A	DMB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1831415-2								
Antimony, Total	96		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Barium, Total	103		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Chromium, Total	106		-		80-120	-		
Cobalt, Total	110		-		80-120	-		
Copper, Total	109		-		80-120	-		
Lead, Total	103		-		80-120	-		
Manganese, Total	114		-		80-120	-		
Nickel, Total	107		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	108		-		80-120	-		
Thallium, Total	107		-		80-120	-		
Vanadium, Total	104		-		80-120	-		
Zinc, Total	107		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1831416-2								
Mercury, Total	101		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355942
Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1831708-2					
Antimony, Dissolved	96	-	80-120	-	
Arsenic, Dissolved	106	-	80-120	-	
Barium, Dissolved	111	-	80-120	-	
Beryllium, Dissolved	109	-	80-120	-	
Cadmium, Dissolved	108	-	80-120	-	
Chromium, Dissolved	98	-	80-120	-	
Cobalt, Dissolved	104	-	80-120	-	
Copper, Dissolved	106	-	80-120	-	
Lead, Dissolved	116	-	80-120	-	
Manganese, Dissolved	99	-	80-120	-	
Nickel, Dissolved	104	-	80-120	-	
Selenium, Dissolved	97	-	80-120	-	
Silver, Dissolved	116	-	80-120	-	
Thallium, Dissolved	114	-	80-120	-	
Vanadium, Dissolved	97	-	80-120	-	
Zinc, Dissolved	101	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1831709-2					
Mercury, Dissolved	91	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

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): 01-02 QC Batch ID: WG1831415-3 QC Sample: L2355204-01 Client ID: MS Sample												
Antimony, Total	ND	0.5	0.4995	100		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.1247	104		-	-		75-125	-		20
Barium, Total	0.0137	2	2.112	105		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05219	104		-	-		75-125	-		20
Cadmium, Total	0.0001J	0.053	0.05620	106		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.2204	110		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.5580	112		-	-		75-125	-		20
Copper, Total	0.0011	0.25	0.2807	112		-	-		75-125	-		20
Lead, Total	ND	0.53	0.6093	115		-	-		75-125	-		20
Manganese, Total	1.350	0.5	2.059	**142**	Q	-	-		75-125	-		20
Nickel, Total	ND	0.5	0.5704	114		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.123	102		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05478	110		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1394	116		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.5386	108		-	-		75-125	-		20
Zinc, Total	ND	0.5	0.5434	109		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1831416-3 QC Sample: L2356021-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00489	98		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355942
Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1831708-3 QC Sample: L2355942-01 Client ID: TRC-GW-04									
Antimony, Dissolved	0.00059J	0.5	0.4432	89	-	-	75-125	-	20
Arsenic, Dissolved	0.00032J	0.12	0.1259	105	-	-	75-125	-	20
Barium, Dissolved	0.1189	2	2.261	107	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05274	105	-	-	75-125	-	20
Cadmium, Dissolved	0.00021	0.053	0.05534	104	-	-	75-125	-	20
Chromium, Dissolved	0.00190	0.2	0.1923	95	-	-	75-125	-	20
Cobalt, Dissolved	0.00138	0.5	0.4957	99	-	-	75-125	-	20
Copper, Dissolved	0.00442	0.25	0.2601	102	-	-	75-125	-	20
Lead, Dissolved	0.00294	0.53	0.4894	92	-	-	75-125	-	20
Manganese, Dissolved	0.1625	0.5	0.6418	96	-	-	75-125	-	20
Nickel, Dissolved	0.00821	0.5	0.4985	98	-	-	75-125	-	20
Selenium, Dissolved	0.0122	0.12	0.124	93	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05638	113	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1169	97	-	-	75-125	-	20
Vanadium, Dissolved	0.00243J	0.5	0.4778	96	-	-	75-125	-	20
Zinc, Dissolved	0.01114	0.5	0.4963	97	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1831709-3 QC Sample: L2355942-02 Client ID: TRC-GW-07									
Mercury, Dissolved	ND	0.00543	0.00477	88	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1831415-4 QC Sample: L2355204-01 Client ID: DUP Sample						
Arsenic, Total	ND	0.00027J	mg/l	NC		20
Manganese, Total	1.350	1.453	mg/l	7		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1831416-4 QC Sample: L2356021-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355942

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1831708-4 QC Sample: L2355942-01 Client ID: TRC-GW-04					
Antimony, Dissolved	0.00059J	0.00052J	mg/l	NC	20
Arsenic, Dissolved	0.00032J	0.00035J	mg/l	NC	20
Barium, Dissolved	0.1189	0.1210	mg/l	2	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	0.00021	0.00021	mg/l	1	20
Chromium, Dissolved	0.00190	0.00221	mg/l	15	20
Cobalt, Dissolved	0.00138	0.00149	mg/l	7	20
Copper, Dissolved	0.00442	0.00474	mg/l	7	20
Lead, Dissolved	0.00294	0.00300	mg/l	2	20
Manganese, Dissolved	0.1625	0.1686	mg/l	4	20
Nickel, Dissolved	0.00821	0.00889	mg/l	8	20
Selenium, Dissolved	0.0122	0.0123	mg/l	1	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	0.00243J	0.00281J	mg/l	NC	20
Zinc, Dissolved	0.01114	0.01170	mg/l	5	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1831709-4 QC Sample: L2355942-02 Client ID: TRC-GW-07					
Mercury, Dissolved	ND	ND	mg/l	NC	20

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Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2355942
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Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1831708-6 QC Sample: L2355942-01 Client ID: TRC-GW-04						
Barium, Dissolved	0.1189	0.1206	mg/l	1		20
Manganese, Dissolved	0.1625	0.1653	mg/l	2		20

Project Name: 257 FRANKLIN ST. PHASE II ESI
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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355942-01A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2355942-01B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2355942-01C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2355942-01D	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2355942-01E	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2355942-01F	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355942-01G	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355942-01H	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		CU-6020S(180),V-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CR-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NI-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),HG-S(28),CD-6020S(180)
L2355942-01J	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2355942-02A	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2355942-02B	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2355942-02C	Vial HCl preserved	A	NA		4.2	Y	Absent		NYTCL-8260(14)
L2355942-02D	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2355942-02E	Amber 120ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2355942-02F	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2355942-02G	Amber 250ml unpreserved	A	7	7	4.2	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*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(*)
L2355942-02H	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		V-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),CR-6020S(180),NI-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28)
L2355942-02J	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2355942-02K	Plastic 500ml unpreserved	A	NA		4.2	Y	Absent		A2-1633-DRAFT(28)
L2355942-02L	Plastic 500ml unpreserved	A	NA		4.2	Y	Absent		A2-1633-DRAFT(28)

*Values in parentheses indicate holding time in days

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/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

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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.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

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). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.

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 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page
of

Date Rec'd in Lab: 9/23/23

ALPHA Job #: L2355942

Client Information

Client: TRC Companies, Inc.
Address: 1430 Broadway 10th Fl
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: sambrose@trccompanies.com

These samples have been previously analyzed by Alpha ☐

Project Information

Project Name: 257 Franklin St Phase II ESI
Project Location: 257 Franklin St., Brooklyn, NY
Project # 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 days

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # 206477

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Other project specific requirements/comments:

Cat B Deliverables, Tal less Al, Ca, Co, Fe, K, Mg, Na, V

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☒ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL & CP-51 VOCs	TCL & CP-51 SVOCs	Tal metals filtered	Tal metals unfiltered	TCL PCBs	PFAS			Sample Specific Comments	Total Bottle
55942-01	TRC-GW-04	09/22	0840	GW	HD	X	X	X	X	X					
-02	TRC-GW-07	09/22	0920	GW	HD	X	X	X	X	X	X				
Container Type															
Preservative															

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[illegible]	09/22 2:02	MPIN ALPHA	9/22 2:02
MPIN ALPHA	9/22 17:35	[illegible]	9/22/23 19:15
[illegible]	9/22/23	[illegible]	9/22 22:2[illegible]
[illegible]	9/23/0040		9/23/23 0040

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2355625
Client:	TRC Environmental Corp 1430 Broadway 10th Floor New York, NY 10018
ATTN:	Sam Ambrose
Phone:	(212) 221-7822
Project Name:	257 FRANKLIN ST. PHASE II ESI
Project Number:	549782
Report Date:	10/16/23

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).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2355625-01	TRC-GW-02	WATER	257 FRANKLIN STREET, BROOKLYN, NY	09/21/23 13:15	09/21/23
L2355625-02	TRC-SB-104 (5-7)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/21/23 09:35	09/21/23
L2355625-03	TRC-SB-104 (8-10)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/21/23 09:45	09/21/23
L2355625-04	TRC-SB-101 (8.5-9.5)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/21/23 11:40	09/21/23
L2355625-05	TRC-SB-101 (10.5-12.5)	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/21/23 11:50	09/21/23
L2355625-06	TRC-SB-DUP-03	SOIL	257 FRANKLIN STREET, BROOKLYN, NY	09/21/23 00:00	09/21/23

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355625
Project Number:	549782	**Report Date:**	10/16/23

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.

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355625
Project Number:	549782	**Report Date:**	10/16/23

Case Narrative (continued)

Report Revision

October 16, 2023: The Volatile Organics reporting list has been corrected on L2355625-01 to include Ethylbenzene.

October 13, 2023: The Volatile Organics reporting list has been corrected on L2355625-01 to include Tetrachloroethene.

October 05, 2023: The analyte lists have been amended on the following analyses:

L2355625-01 through -06: Volatile Organics, Semivolatile Organics, and Semivolatile Organics-SIM

L2355625-01: Total and Dissolved Metals

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2355625-04: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (131%); however, the sample was not re-analyzed due to coelution with an obvious interference. A copy of the chromatogram is included as an attachment to this report.

Semivolatile Organics

The WG1831191-2/-3 LCS/LCSD recoveries, associated with L2355625-02 through -06, are below the acceptance criteria for benzoic acid (8%/9%); however, it has been identified as a "difficult" analyte. The results of the associated samples 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/16/23

ORGANICS

VOLATILES

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-01 Date Collected: 09/21/23 13:15
Client ID: TRC-GW-02 Date Received: 09/21/23
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:31
Analyst: MAG

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
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
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-01 Date Collected: 09/21/23 13:15

Client ID: TRC-GW-02 Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65	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
1,2-Dibromo-3-chloropropane	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
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
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/l	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-01	Date Collected:	09/21/23 13:15
Client ID:	TRC-GW-02	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-02
Client ID: TRC-SB-104 (5-7)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 09:35
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/27/23 15:44
Analyst: LAC
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	12	5.7	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.36	1
Chloroform	ND		ug/kg	3.7	0.35	1
Carbon tetrachloride	ND		ug/kg	2.5	0.57	1
1,2-Dichloropropane	ND		ug/kg	2.5	0.31	1
Dibromochloromethane	ND		ug/kg	2.5	0.35	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.66	1
Tetrachloroethene	83		ug/kg	1.2	0.48	1
Chlorobenzene	ND		ug/kg	1.2	0.31	1
Trichlorofluoromethane	ND		ug/kg	9.9	1.7	1
1,2-Dichloroethane	ND		ug/kg	2.5	0.64	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.41	1
Bromodichloromethane	ND		ug/kg	1.2	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	2.5	0.68	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.39	1
Bromoform	ND		ug/kg	9.9	0.61	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.41	1
Benzene	ND		ug/kg	1.2	0.41	1
Toluene	ND		ug/kg	2.5	1.3	1
Ethylbenzene	ND		ug/kg	2.5	0.35	1
Chloromethane	ND		ug/kg	9.9	2.3	1
Bromomethane	ND		ug/kg	5.0	1.4	1
Vinyl chloride	ND		ug/kg	2.5	0.83	1
Chloroethane	ND		ug/kg	5.0	1.1	1
1,1-Dichloroethene	ND		ug/kg	2.5	0.59	1
trans-1,2-Dichloroethene	ND		ug/kg	3.7	0.34	1
Trichloroethene	3.3		ug/kg	1.2	0.34	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.36	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-02 Date Collected: 09/21/23 09:35

Client ID: TRC-SB-104 (5-7) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.37	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.42	1
Methyl tert butyl ether	ND		ug/kg	5.0	0.50	1
p/m-Xylene	ND		ug/kg	5.0	1.4	1
o-Xylene	ND		ug/kg	2.5	0.72	1
Xylenes, Total	ND		ug/kg	2.5	0.72	1
cis-1,2-Dichloroethene	ND		ug/kg	2.5	0.43	1
Styrene	ND		ug/kg	2.5	0.48	1
Dichlorodifluoromethane	ND		ug/kg	25	2.3	1
Acetone	60		ug/kg	25	12.	1
Carbon disulfide	ND		ug/kg	25	11.	1
2-Butanone	9.7	J	ug/kg	25	5.5	1
4-Methyl-2-pentanone	ND		ug/kg	25	3.2	1
2-Hexanone	ND		ug/kg	25	2.9	1
Bromochloromethane	ND		ug/kg	5.0	0.51	1
1,2-Dibromoethane	ND		ug/kg	2.5	0.69	1
n-Butylbenzene	ND		ug/kg	2.5	0.41	1
sec-Butylbenzene	ND		ug/kg	2.5	0.36	1
tert-Butylbenzene	ND		ug/kg	5.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.4	2.5	1
Isopropylbenzene	ND		ug/kg	2.5	0.27	1
p-Isopropyltoluene	ND		ug/kg	2.5	0.27	1
Naphthalene	ND		ug/kg	9.9	1.6	1
n-Propylbenzene	ND		ug/kg	2.5	0.42	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.80	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.67	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.48	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.83	1
Methyl Acetate	ND		ug/kg	9.9	2.4	1
Cyclohexane	ND		ug/kg	25	1.3	1
Freon-113	ND		ug/kg	9.9	1.7	1
Methyl cyclohexane	ND		ug/kg	9.9	1.5	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-02	Date Collected:	09/21/23 09:35
Client ID:	TRC-SB-104 (5-7)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	254	J	ug/kg			1
Unknown Alkane	15.3	J	ug/kg			1
Adamantane, 1,3-Dimethyl-	33.5	NJ	ug/kg			1
Unknown Alkane	18.4	J	ug/kg			1
Unknown Alkane	17.5	J	ug/kg			1
Unknown	27.9	J	ug/kg			1
Octane, 2,6-dimethyl-	93.6	NJ	ug/kg			1
Unknown Alkane	16.6	J	ug/kg			1
Unknown	15.2	J	ug/kg			1
Unknown Alkane	15.7	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	98		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-03
Client ID: TRC-SB-104 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 09:45
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/26/23 13:27
Analyst: JIC
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	ND		ug/kg	0.84	0.33	1
Chlorobenzene	ND		ug/kg	0.84	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.7	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.28	1
Bromodichloromethane	ND		ug/kg	0.84	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.26	1
Bromoform	ND		ug/kg	6.7	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.28	1
Benzene	ND		ug/kg	0.84	0.28	1
Toluene	ND		ug/kg	1.7	0.91	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.7	1.6	1
Bromomethane	ND		ug/kg	3.4	0.98	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.4	0.76	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.84	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.24	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-03 Date Collected: 09/21/23 09:45

Client ID: TRC-SB-104 (8-10) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.94	1
o-Xylene	ND		ug/kg	1.7	0.49	1
Xylenes, Total	ND		ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.29	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	16	J	ug/kg	17	8.1	1
Carbon disulfide	ND		ug/kg	17	7.6	1
2-Butanone	4.2	J	ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.1	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.47	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.24	1
tert-Butylbenzene	ND		ug/kg	3.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.7	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.18	1
Naphthalene	ND		ug/kg	6.7	1.1	1
n-Propylbenzene	ND		ug/kg	1.7	0.29	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.46	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.4	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.4	0.56	1
Methyl Acetate	ND		ug/kg	6.7	1.6	1
Cyclohexane	ND		ug/kg	17	0.91	1
Freon-113	ND		ug/kg	6.7	1.2	1
Methyl cyclohexane	ND		ug/kg	6.7	1.0	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-03	Date Collected:	09/21/23 09:45
Client ID:	TRC-SB-104 (8-10)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	3.56	J	ug/kg			1
Unknown	3.56	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	102		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-04
Client ID: TRC-SB-101 (8.5-9.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 11:40
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/27/23 16:05
Analyst: LAC
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	560	260	1
1,1-Dichloroethane	ND		ug/kg	110	16.	1
Chloroform	ND		ug/kg	170	16.	1
Carbon tetrachloride	ND		ug/kg	110	26.	1
1,2-Dichloropropane	ND		ug/kg	110	14.	1
Dibromochloromethane	ND		ug/kg	110	16.	1
1,1,2-Trichloroethane	ND		ug/kg	110	30.	1
Tetrachloroethene	69		ug/kg	56	22.	1
Chlorobenzene	ND		ug/kg	56	14.	1
Trichlorofluoromethane	ND		ug/kg	450	78.	1
1,2-Dichloroethane	ND		ug/kg	110	29.	1
1,1,1-Trichloroethane	ND		ug/kg	56	19.	1
Bromodichloromethane	ND		ug/kg	56	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	110	31.	1
cis-1,3-Dichloropropene	ND		ug/kg	56	18.	1
Bromoform	ND		ug/kg	450	28.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	56	19.	1
Benzene	ND		ug/kg	56	19.	1
Toluene	ND		ug/kg	110	61.	1
Ethylbenzene	67	J	ug/kg	110	16.	1
Chloromethane	ND		ug/kg	450	100	1
Bromomethane	ND		ug/kg	220	65.	1
Vinyl chloride	ND		ug/kg	110	38.	1
Chloroethane	ND		ug/kg	220	51.	1
1,1-Dichloroethene	ND		ug/kg	110	27.	1
trans-1,2-Dichloroethene	ND		ug/kg	170	15.	1
Trichloroethene	ND		ug/kg	56	15.	1
1,2-Dichlorobenzene	ND		ug/kg	220	16.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-04 Date Collected: 09/21/23 11:40

Client ID: TRC-SB-101 (8.5-9.5) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	220	17.	1
1,4-Dichlorobenzene	ND		ug/kg	220	19.	1
Methyl tert butyl ether	ND		ug/kg	220	22.	1
p/m-Xylene	120	J	ug/kg	220	63.	1
o-Xylene	100	J	ug/kg	110	33.	1
Xylenes, Total	220	J	ug/kg	110	33.	1
cis-1,2-Dichloroethene	ND		ug/kg	110	20.	1
Styrene	ND		ug/kg	110	22.	1
Dichlorodifluoromethane	ND		ug/kg	1100	100	1
Acetone	ND		ug/kg	1100	540	1
Carbon disulfide	ND		ug/kg	1100	510	1
2-Butanone	ND		ug/kg	1100	250	1
4-Methyl-2-pentanone	ND		ug/kg	1100	140	1
2-Hexanone	ND		ug/kg	1100	130	1
Bromochloromethane	ND		ug/kg	220	23.	1
1,2-Dibromoethane	ND		ug/kg	110	31.	1
n-Butylbenzene	470		ug/kg	110	19.	1
sec-Butylbenzene	300		ug/kg	110	16.	1
tert-Butylbenzene	16	J	ug/kg	220	13.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	110	1
Isopropylbenzene	110		ug/kg	110	12.	1
p-Isopropyltoluene	230		ug/kg	110	12.	1
Naphthalene	570		ug/kg	450	73.	1
n-Propylbenzene	480		ug/kg	110	19.	1
1,2,3-Trichlorobenzene	ND		ug/kg	220	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	30.	1
1,3,5-Trimethylbenzene	1600		ug/kg	220	22.	1
1,2,4-Trimethylbenzene	4000		ug/kg	220	38.	1
Methyl Acetate	300	J	ug/kg	450	110	1
Cyclohexane	ND		ug/kg	1100	61.	1
Freon-113	ND		ug/kg	450	78.	1
Methyl cyclohexane	ND		ug/kg	450	68.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-04	Date Collected:	09/21/23 11:40
Client ID:	TRC-SB-101 (8.5-9.5)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	27300	J	ug/kg			1
Unknown Alkane	5660	J	ug/kg			1
Unknown Benzene	3240	J	ug/kg			1
Unknown Alkane	1470	J	ug/kg			1
Unknown Benzene	2440	J	ug/kg			1
Unknown	2130	J	ug/kg			1
Unknown Cyclohexane	2030	J	ug/kg			1
Cyclohexane, 1,1,3-trimethyl-	2290	NJ	ug/kg			1
Unknown Alkane	1940	J	ug/kg			1
Cyclohexane, 1-ethyl-2-methyl-	2340	NJ	ug/kg			1
Unknown Benzene	3770	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	**131**	Q	70-130
Dibromofluoromethane	92		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-05
Client ID: TRC-SB-101 (10.5-12.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 11:50
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 09/26/23 13:51
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.3	3.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.23	1
Carbon tetrachloride	ND		ug/kg	1.7	0.38	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.44	1
Tetrachloroethene	ND		ug/kg	0.83	0.32	1
Chlorobenzene	ND		ug/kg	0.83	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.6	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.83	0.28	1
Bromodichloromethane	ND		ug/kg	0.83	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.45	1
cis-1,3-Dichloropropene	ND		ug/kg	0.83	0.26	1
Bromoform	ND		ug/kg	6.6	0.41	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.83	0.28	1
Benzene	ND		ug/kg	0.83	0.28	1
Toluene	ND		ug/kg	1.7	0.90	1
Ethylbenzene	ND		ug/kg	1.7	0.23	1
Chloromethane	ND		ug/kg	6.6	1.5	1
Bromomethane	ND		ug/kg	3.3	0.96	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.3	0.75	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.83	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.3	0.24	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-05 Date Collected: 09/21/23 11:50

Client ID: TRC-SB-101 (10.5-12.5) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.3	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.3	0.28	1
Methyl tert butyl ether	ND		ug/kg	3.3	0.33	1
p/m-Xylene	ND		ug/kg	3.3	0.93	1
o-Xylene	ND		ug/kg	1.7	0.48	1
Xylenes, Total	ND		ug/kg	1.7	0.48	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.29	1
Styrene	ND		ug/kg	1.7	0.32	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	ND		ug/kg	17	8.0	1
Carbon disulfide	ND		ug/kg	17	7.6	1
2-Butanone	ND		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.1	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.3	0.34	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.46	1
n-Butylbenzene	ND		ug/kg	1.7	0.28	1
sec-Butylbenzene	ND		ug/kg	1.7	0.24	1
tert-Butylbenzene	ND		ug/kg	3.3	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	1.6	1
Isopropylbenzene	ND		ug/kg	1.7	0.18	1
p-Isopropyltoluene	ND		ug/kg	1.7	0.18	1
Naphthalene	ND		ug/kg	6.6	1.1	1
n-Propylbenzene	ND		ug/kg	1.7	0.28	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.3	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.3	0.45	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.3	0.32	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.3	0.56	1
Methyl Acetate	ND		ug/kg	6.6	1.6	1
Cyclohexane	ND		ug/kg	17	0.90	1
Freon-113	ND		ug/kg	6.6	1.2	1
Methyl cyclohexane	ND		ug/kg	6.6	1.0	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-05	Date Collected:	09/21/23 11:50
Client ID:	TRC-SB-101 (10.5-12.5)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	103		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-06 Date Collected: 09/21/23 00:00

Client ID: TRC-SB-DUP-03 Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 09/26/23 14:14

Analyst: JIC

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-06 Date Collected: 09/21/23 00:00

Client ID: TRC-SB-DUP-03 Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-06	Date Collected:	09/21/23 00:00
Client ID:	TRC-SB-DUP-03	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	104		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05-06 Batch: WG1832093-5					
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
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
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05-06 Batch: WG1832093-5					
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
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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
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
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 09:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03,05-06 Batch: WG1832093-5					
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**146**	Q	70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	117		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1832631-5					
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
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
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1832631-5					
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
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
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
1,2-Dibromoethane	ND		ug/l	2.0	0.65
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
1,2-Dibromo-3-chloropropane	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
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 08:25
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1832631-5					
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds			
Total TIC Compounds	1.44	J	ug/l
Unknown	1.44	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	96		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/27/23 09:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1832705-5					
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
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
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/27/23 09:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1832705-5					
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
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
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
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
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
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
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
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/27/23 09:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1832705-5					
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Tentatively Identified Compounds			
Total TIC Compounds	6.84	J	ug/kg
Unknown	6.84	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/27/23 09:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1832746-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/27/23 09:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1832746-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/27/23 09:49
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 04 Batch: WG1832746-5					
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Tentatively Identified Compounds			
Total TIC Compounds	342	J	ug/kg
Unknown	342	J	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05-06 Batch: WG1832093-3 WG1832093-4								
Methylene chloride	96		94		70-130	2		30
1,1-Dichloroethane	109		108		70-130	1		30
Chloroform	101		102		70-130	1		30
Carbon tetrachloride	88		91		70-130	3		30
1,2-Dichloropropane	100		107		70-130	7		30
Dibromochloromethane	81		92		70-130	13		30
1,1,2-Trichloroethane	81		91		70-130	12		30
Tetrachloroethene	85		89		70-130	5		30
Chlorobenzene	93		97		70-130	4		30
Trichlorofluoromethane	95		90		70-139	5		30
1,2-Dichloroethane	110		115		70-130	4		30
1,1,1-Trichloroethane	101		104		70-130	3		30
Bromodichloromethane	91		99		70-130	8		30
trans-1,3-Dichloropropene	93		104		70-130	11		30
cis-1,3-Dichloropropene	92		100		70-130	8		30
Bromoform	79		92		70-130	15		30
1,1,2,2-Tetrachloroethane	99		111		70-130	11		30
Benzene	95		99		70-130	4		30
Toluene	102		107		70-130	5		30
Ethylbenzene	100		104		70-130	4		30
Chloromethane	109		105		52-130	4		30
Bromomethane	117		113		57-147	3		30
Vinyl chloride	114		110		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05-06 Batch: WG1832093-3 WG1832093-4								
Chloroethane	98		94		50-151	4		30
1,1-Dichloroethene	97		93		65-135	4		30
trans-1,2-Dichloroethene	99		98		70-130	1		30
Trichloroethene	89		97		70-130	9		30
1,2-Dichlorobenzene	92		101		70-130	9		30
1,3-Dichlorobenzene	94		101		70-130	7		30
1,4-Dichlorobenzene	93		101		70-130	8		30
Methyl tert butyl ether	90		100		66-130	11		30
p/m-Xylene	93		96		70-130	3		30
o-Xylene	93		95		70-130	2		30
cis-1,2-Dichloroethene	95		95		70-130	0		30
Styrene	91		95		70-130	4		30
Dichlorodifluoromethane	130		123		30-146	6		30
Acetone	124		130		54-140	5		30
Carbon disulfide	106		103		59-130	3		30
2-Butanone	91		102		70-130	11		30
4-Methyl-2-pentanone	96		110		70-130	14		30
2-Hexanone	96		108		70-130	12		30
Bromochloromethane	86		87		70-130	1		30
1,2-Dibromoethane	83		92		70-130	10		30
n-Butylbenzene	113		119		70-130	5		30
sec-Butylbenzene	104		110		70-130	6		30
tert-Butylbenzene	100		106		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03,05-06 Batch: WG1832093-3 WG1832093-4								
1,2-Dibromo-3-chloropropane	75		87		68-130	15		30
Isopropylbenzene	106		113		70-130	6		30
p-Isopropyltoluene	102		107		70-130	5		30
Naphthalene	91		102		70-130	11		30
n-Propylbenzene	110		117		70-130	6		30
1,2,3-Trichlorobenzene	94		102		70-130	8		30
1,2,4-Trichlorobenzene	97		106		70-130	9		30
1,3,5-Trimethylbenzene	106		112		70-130	6		30
1,2,4-Trimethylbenzene	106		113		70-130	6		30
Methyl Acetate	117		125		51-146	7		30
Cyclohexane	107		109		59-142	2		30
Freon-113	105		107		50-139	2		30
Methyl cyclohexane	88		88		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	119		122		70-130
Toluene-d8	105		107		70-130
4-Bromofluorobenzene	114		117		70-130
Dibromofluoromethane	98		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1832631-3 WG1832631-4								
Methylene chloride	95		91		70-130	4		20
1,1-Dichloroethane	99		93		70-130	6		20
Chloroform	98		93		70-130	5		20
Carbon tetrachloride	91		83		63-132	9		20
1,2-Dichloropropane	100		93		70-130	7		20
Dibromochloromethane	95		87		63-130	9		20
1,1,2-Trichloroethane	110		100		70-130	10		20
Tetrachloroethene	97		86		70-130	12		20
Chlorobenzene	100		90		75-130	11		20
Trichlorofluoromethane	130		120		62-150	8		20
1,2-Dichloroethane	91		90		70-130	1		20
1,1,1-Trichloroethane	96		89		67-130	8		20
Bromodichloromethane	94		90		67-130	4		20
trans-1,3-Dichloropropene	100		94		70-130	6		20
cis-1,3-Dichloropropene	94		86		70-130	9		20
Bromoform	85		81		54-136	5		20
1,1,2,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	100		95		70-130	5		20
Toluene	110		95		70-130	15		20
Ethylbenzene	110		96		70-130	14		20
Chloromethane	83		78		64-130	6		20
Bromomethane	91		89		39-139	2		20
Vinyl chloride	120		110		55-140	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1832631-3 WG1832631-4								
Chloroethane	**140**	Q	**140**	Q	55-138	0		20
1,1-Dichloroethene	93		88		61-145	6		20
trans-1,2-Dichloroethene	96		89		70-130	8		20
Trichloroethene	94		84		70-130	11		20
1,2-Dichlorobenzene	99		88		70-130	12		20
1,3-Dichlorobenzene	100		88		70-130	13		20
1,4-Dichlorobenzene	99		88		70-130	12		20
Methyl tert butyl ether	91		89		63-130	2		20
p/m-Xylene	105		90		70-130	15		20
o-Xylene	95		80		70-130	17		20
cis-1,2-Dichloroethene	95		90		70-130	5		20
Styrene	95		85		70-130	11		20
Dichlorodifluoromethane	82		76		36-147	8		20
Acetone	81		86		58-148	6		20
Carbon disulfide	92		82		51-130	11		20
2-Butanone	80		89		63-138	11		20
4-Methyl-2-pentanone	88		91		59-130	3		20
2-Hexanone	76		79		57-130	4		20
Bromochloromethane	84		82		70-130	2		20
1,2-Dibromoethane	99		92		70-130	7		20
Bromobenzene	97		91		70-130	6		20
n-Butylbenzene	110		98		53-136	12		20
sec-Butylbenzene	110		97		70-130	13		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1832631-3 WG1832631-4								
tert-Butylbenzene	100		93		70-130	7		20
1,2-Dibromo-3-chloropropane	85		88		41-144	3		20
Isopropylbenzene	110		97		70-130	13		20
p-Isopropyltoluene	100		91		70-130	9		20
Naphthalene	88		86		70-130	2		20
n-Propylbenzene	120		100		69-130	18		20
1,2,3-Trichlorobenzene	92		84		70-130	9		20
1,2,4-Trichlorobenzene	92		83		70-130	10		20
1,3,5-Trimethylbenzene	110		94		64-130	16		20
1,2,4-Trimethylbenzene	100		92		70-130	8		20
Methyl Acetate	83		87		70-130	5		20
Cyclohexane	90		83		70-130	8		20
Freon-113	92		85		70-130	8		20
Methyl cyclohexane	94		86		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		104		70-130
Toluene-d8	109		104		70-130
4-Bromofluorobenzene	99		102		70-130
Dibromofluoromethane	91		93		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1832705-3 WG1832705-4								
Methylene chloride	70		72		70-130	3		30
1,1-Dichloroethane	84		87		70-130	4		30
Chloroform	85		87		70-130	2		30
Carbon tetrachloride	76		78		70-130	3		30
1,2-Dichloropropane	88		90		70-130	2		30
Dibromochloromethane	89		92		70-130	3		30
1,1,2-Trichloroethane	94		98		70-130	4		30
Tetrachloroethene	82		84		70-130	2		30
Chlorobenzene	91		93		70-130	2		30
Trichlorofluoromethane	85		86		70-139	1		30
1,2-Dichloroethane	92		94		70-130	2		30
1,1,1-Trichloroethane	84		86		70-130	2		30
Bromodichloromethane	89		92		70-130	3		30
trans-1,3-Dichloropropene	91		94		70-130	3		30
cis-1,3-Dichloropropene	88		90		70-130	2		30
Bromoform	92		97		70-130	5		30
1,1,2,2-Tetrachloroethane	88		91		70-130	3		30
Benzene	86		88		70-130	2		30
Toluene	90		91		70-130	1		30
Ethylbenzene	93		94		70-130	1		30
Chloromethane	100		99		52-130	1		30
Bromomethane	84		82		57-147	2		30
Vinyl chloride	78		81		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1832705-3 WG1832705-4								
Chloroethane	76		75		50-151	1		30
1,1-Dichloroethene	68		68		65-135	0		30
trans-1,2-Dichloroethene	**69**	Q	**69**	Q	70-130	0		30
Trichloroethene	90		92		70-130	2		30
1,2-Dichlorobenzene	87		88		70-130	1		30
1,3-Dichlorobenzene	86		88		70-130	2		30
1,4-Dichlorobenzene	87		89		70-130	2		30
Methyl tert butyl ether	85		84		66-130	1		30
p/m-Xylene	92		93		70-130	1		30
o-Xylene	92		95		70-130	3		30
cis-1,2-Dichloroethene	80		83		70-130	4		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	97		99		30-146	2		30
Acetone	91		88		54-140	3		30
Carbon disulfide	72		74		59-130	3		30
2-Butanone	86		87		70-130	1		30
4-Methyl-2-pentanone	92		96		70-130	4		30
2-Hexanone	90		92		70-130	2		30
Bromochloromethane	76		76		70-130	0		30
1,2-Dibromoethane	93		97		70-130	4		30
n-Butylbenzene	94		96		70-130	2		30
sec-Butylbenzene	87		90		70-130	3		30
tert-Butylbenzene	82		86		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1832705-3 WG1832705-4								
1,2-Dibromo-3-chloropropane	80		85		68-130	6		30
Isopropylbenzene	88		90		70-130	2		30
p-Isopropyltoluene	83		86		70-130	4		30
Naphthalene	83		85		70-130	2		30
n-Propylbenzene	91		94		70-130	3		30
1,2,3-Trichlorobenzene	100		101		70-130	1		30
1,2,4-Trichlorobenzene	99		100		70-130	1		30
1,3,5-Trimethylbenzene	88		91		70-130	3		30
1,2,4-Trimethylbenzene	90		91		70-130	1		30
Methyl Acetate	85		87		51-146	2		30
Cyclohexane	86		87		59-142	1		30
Freon-113	76		76		50-139	0		30
Methyl cyclohexane	79		81		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	102		105		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1832746-3 WG1832746-4								
Methylene chloride	70		72		70-130	3		30
1,1-Dichloroethane	84		87		70-130	4		30
Chloroform	85		87		70-130	2		30
Carbon tetrachloride	76		78		70-130	3		30
1,2-Dichloropropane	88		90		70-130	2		30
Dibromochloromethane	89		92		70-130	3		30
1,1,2-Trichloroethane	94		98		70-130	4		30
Tetrachloroethene	82		84		70-130	2		30
Chlorobenzene	91		93		70-130	2		30
Trichlorofluoromethane	85		86		70-139	1		30
1,2-Dichloroethane	92		94		70-130	2		30
1,1,1-Trichloroethane	84		86		70-130	2		30
Bromodichloromethane	89		92		70-130	3		30
trans-1,3-Dichloropropene	91		94		70-130	3		30
cis-1,3-Dichloropropene	88		90		70-130	2		30
Bromoform	92		97		70-130	5		30
1,1,2,2-Tetrachloroethane	88		91		70-130	3		30
Benzene	86		88		70-130	2		30
Toluene	90		91		70-130	1		30
Ethylbenzene	93		94		70-130	1		30
Chloromethane	100		99		52-130	1		30
Bromomethane	84		82		57-147	2		30
Vinyl chloride	78		81		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1832746-3 WG1832746-4								
Chloroethane	76		75		50-151	1		30
1,1-Dichloroethene	68		68		65-135	0		30
trans-1,2-Dichloroethene	**69**	Q	**69**	Q	70-130	0		30
Trichloroethene	90		92		70-130	2		30
1,2-Dichlorobenzene	87		88		70-130	1		30
1,3-Dichlorobenzene	86		88		70-130	2		30
1,4-Dichlorobenzene	87		89		70-130	2		30
Methyl tert butyl ether	85		84		66-130	1		30
p/m-Xylene	92		93		70-130	1		30
o-Xylene	92		95		70-130	3		30
cis-1,2-Dichloroethene	80		83		70-130	4		30
Styrene	95		96		70-130	1		30
Dichlorodifluoromethane	97		99		30-146	2		30
Acetone	91		88		54-140	3		30
Carbon disulfide	72		74		59-130	3		30
2-Butanone	86		87		70-130	1		30
4-Methyl-2-pentanone	92		96		70-130	4		30
2-Hexanone	90		92		70-130	2		30
Bromochloromethane	76		76		70-130	0		30
1,2-Dibromoethane	93		97		70-130	4		30
n-Butylbenzene	94		96		70-130	2		30
sec-Butylbenzene	87		90		70-130	3		30
tert-Butylbenzene	82		86		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 04 Batch: WG1832746-3 WG1832746-4								
1,2-Dibromo-3-chloropropane	80		85		68-130	6		30
Isopropylbenzene	88		90		70-130	2		30
p-Isopropyltoluene	83		86		70-130	4		30
Naphthalene	83		85		70-130	2		30
n-Propylbenzene	91		94		70-130	3		30
1,2,3-Trichlorobenzene	100		101		70-130	1		30
1,2,4-Trichlorobenzene	99		100		70-130	1		30
1,3,5-Trimethylbenzene	88		91		70-130	3		30
1,2,4-Trimethylbenzene	90		91		70-130	1		30
Methyl Acetate	85		87		51-146	2		30
Cyclohexane	86		87		59-142	1		30
Freon-113	76		76		50-139	0		30
Methyl cyclohexane	79		81		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	102		105		70-130
Dibromofluoromethane	92		92		70-130

SEMIVOLATILES

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-01
Client ID: TRC-GW-02
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 13:15
Date Received: 09/21/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/28/23 12:55
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
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	0.48	J	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
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

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-01 Date Collected: 09/21/23 13:15

Client ID: TRC-GW-02 Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	65		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-01
Client ID: TRC-GW-02
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 13:15
Date Received: 09/21/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/28/23 10:50
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.58		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.26		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.33		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.39		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.15		ug/l	0.10	0.01	1
Chrysene	0.26		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.05	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.20		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.29		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.20		ug/l	0.10	0.01	1
Pyrene	0.55		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.05	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51	1
Hexachloroethane	ND		ug/l	0.80	0.06	1
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-01	Date Collected:	09/21/23 13:15
Client ID:	TRC-GW-02	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	65		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-02
Client ID: TRC-SB-104 (5-7)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 09:35
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/25/23 00:10
Analyst: IM
Percent Solids: 75%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	76.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-02 Date Collected: 09/21/23 09:35

Client ID: TRC-SB-104 (5-7) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	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	91.	1
Dibenzofuran	ND		ug/kg	220	21.	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	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	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	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Pentachlorophenol	ND		ug/kg	180	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	21.	1
Atrazine	ND		ug/kg	180	77.	1
Benzaldehyde	ND		ug/kg	290	59.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-02 Date Collected: 09/21/23 09:35

Client ID: TRC-SB-104 (5-7) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Tentatively Identified Compounds				
Total TIC Compounds	636	J	ug/kg	1
Unknown Organic Acid	311	J	ug/kg	1
Unknown Organic Acid	325	J	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	72		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-03
Client ID: TRC-SB-104 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 09:45
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/24/23 23:46
Analyst: IM
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-03 Date Collected: 09/21/23 09:45

Client ID: TRC-SB-104 (8-10) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	27.	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	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	290	60.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-03	Date Collected:	09/21/23 09:45
Client ID:	TRC-SB-104 (8-10)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1
1,4-Dioxane	ND		ug/kg	33	10.	1

Tentatively Identified Compounds			
No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		25-120
Phenol-d6	43		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	47		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-04
Client ID: TRC-SB-101 (8.5-9.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 11:40
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/24/23 23:22
Analyst: IM
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	160		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	34.	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	260		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	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	72	J	ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-04 Date Collected: 09/21/23 11:40

Client ID: TRC-SB-101 (8.5-9.5) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	98	J	ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	33	J	ug/kg	200	20.	1
Phenanthrene	190		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	200		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	530		ug/kg	240	24.	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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-04 Date Collected: 09/21/23 11:40

Client ID: TRC-SB-101 (8.5-9.5) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Tentatively Identified Compounds				
Total TIC Compounds	49000	J	ug/kg	1
Unknown Benzene	1230	J	ug/kg	1
Unknown Alkane	2030	J	ug/kg	1
Unknown Alkane	1700	J	ug/kg	1
Unknown Alkane	1670	J	ug/kg	1
Unknown Benzene	3360	J	ug/kg	1
Unknown Alkane	1870	J	ug/kg	1
Unknown Benzene	1650	J	ug/kg	1
Unknown	1790	J	ug/kg	1
Indane	1320	NJ	ug/kg	1
Unknown Benzene	2120	J	ug/kg	1
Unknown	2220	J	ug/kg	1
Unknown	4380	J	ug/kg	1
Unknown Alkane	1950	J	ug/kg	1
Unknown Alkane	3220	J	ug/kg	1
Unknown	2080	J	ug/kg	1
Unknown	5090	J	ug/kg	1
Unknown Alkane	4640	J	ug/kg	1
Unknown	1620	J	ug/kg	1
Unknown	3750	J	ug/kg	1
Unknown Cycloalkane	1310	J	ug/kg	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-04	Date Collected:	09/21/23 11:40
Client ID:	TRC-SB-101 (8.5-9.5)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	56		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-05
Client ID: TRC-SB-101 (10.5-12.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 11:50
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/24/23 22:58
Analyst: IM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 21:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	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	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-05 Date Collected: 09/21/23 11:50

Client ID: TRC-SB-101 (10.5-12.5) Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	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	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	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	38.	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	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-05	Date Collected:	09/21/23 11:50
Client ID:	TRC-SB-101 (10.5-12.5)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	30	9.2	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	56		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	65		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-06
Client ID: TRC-SB-DUP-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 00:00
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 09/24/23 22:34
Analyst: IM
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 09/23/23 21:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	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
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	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
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

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-06 Date Collected: 09/21/23 00:00

Client ID: TRC-SB-DUP-03 Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
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	85.	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	290	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
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	72.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-06	Date Collected:	09/21/23 00:00
Client ID:	TRC-SB-DUP-03	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1
1,4-Dioxane	ND		ug/kg	31	9.4	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	72		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/24/23 20:11
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/23/23 17:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1831191-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	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.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/24/23 20:11
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/23/23 17:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1831191-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
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.

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/24/23 20:11
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/23/23 17:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-06 Batch: WG1831191-1					
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.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	93		18-120

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/23 11:48
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1832946-1					
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
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
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
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
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
Dimethyl phthalate	ND		ug/l	5.0	1.8
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
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

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/23 11:48
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1832946-1					
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
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
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
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/28/23 11:48
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1832946-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	63		41-149

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/28/23 10:33
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1832947-1					
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	0.05	J	ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Bis(2-Ethylhexyl)phthalate	ND		ug/l	1.0	0.51
Hexachloroethane	ND		ug/l	0.80	0.06
Bis(2-chloroethyl)ether	ND		ug/l	0.10	0.02

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/28/23 10:33
Analyst: AH

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 03:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1832947-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1831191-2 WG1831191-3								
Acenaphthene	57		55		31-137	4		50
Hexachlorobenzene	66		64		40-140	3		50
Bis(2-chloroethyl)ether	51		51		40-140	0		50
2-Chloronaphthalene	62		61		40-140	2		50
3,3'-Dichlorobenzidine	46		47		40-140	2		50
2,4-Dinitrotoluene	59		57		40-132	3		50
2,6-Dinitrotoluene	65		62		40-140	5		50
Fluoranthene	58		56		40-140	4		50
4-Chlorophenyl phenyl ether	59		57		40-140	3		50
4-Bromophenyl phenyl ether	62		62		40-140	0		50
Bis(2-chloroisopropyl)ether	44		43		40-140	2		50
Bis(2-chloroethoxy)methane	52		51		40-117	2		50
Hexachlorobutadiene	64		60		40-140	6		50
Hexachlorocyclopentadiene	56		55		40-140	2		50
Hexachloroethane	53		52		40-140	2		50
Isophorone	50		50		40-140	0		50
Naphthalene	57		57		40-140	0		50
Nitrobenzene	53		52		40-140	2		50
NDPA/DPA	59		59		36-157	0		50
n-Nitrosodi-n-propylamine	52		51		32-121	2		50
Bis(2-ethylhexyl)phthalate	62		59		40-140	5		50
Butyl benzyl phthalate	56		55		40-140	2		50
Di-n-butylphthalate	58		57		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1831191-2 WG1831191-3								
Di-n-octylphthalate	60		58		40-140	3		50
Diethyl phthalate	58		56		40-140	4		50
Dimethyl phthalate	62		62		40-140	0		50
Benzo(a)anthracene	59		58		40-140	2		50
Benzo(a)pyrene	67		65		40-140	3		50
Benzo(b)fluoranthene	60		58		40-140	3		50
Benzo(k)fluoranthene	64		64		40-140	0		50
Chrysene	61		60		40-140	2		50
Acenaphthylene	61		60		40-140	2		50
Anthracene	59		58		40-140	2		50
Benzo(ghi)perylene	58		57		40-140	2		50
Fluorene	58		57		40-140	2		50
Phenanthrene	58		58		40-140	0		50
Dibenzo(a,h)anthracene	59		57		40-140	3		50
Indeno(1,2,3-cd)pyrene	58		57		40-140	2		50
Pyrene	58		57		35-142	2		50
Biphenyl	61		60		37-127	2		50
4-Chloroaniline	49		49		40-140	0		50
2-Nitroaniline	60		58		47-134	3		50
3-Nitroaniline	48		46		26-129	4		50
4-Nitroaniline	55		53		41-125	4		50
Dibenzofuran	61		59		40-140	3		50
2-Methylnaphthalene	60		60		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1831191-2 WG1831191-3								
1,2,4,5-Tetrachlorobenzene	62		60		40-117	3		50
Acetophenone	55		53		14-144	4		50
2,4,6-Trichlorophenol	67		67		30-130	0		50
p-Chloro-m-cresol	60		60		26-103	0		50
2-Chlorophenol	57		56		25-102	2		50
2,4-Dichlorophenol	63		60		30-130	5		50
2,4-Dimethylphenol	56		55		30-130	2		50
2-Nitrophenol	56		56		30-130	0		50
4-Nitrophenol	50		50		11-114	0		50
2,4-Dinitrophenol	41		42		4-130	2		50
4,6-Dinitro-o-cresol	59		60		10-130	2		50
Pentachlorophenol	59		58		17-109	2		50
Phenol	56		54		26-90	4		50
2-Methylphenol	57		55		30-130.	4		50
3-Methylphenol/4-Methylphenol	60		59		30-130	2		50
2,4,5-Trichlorophenol	68		67		30-130	1		50
Carbazole	58		57		54-128	2		50
Atrazine	68		68		40-140	0		50
Benzaldehyde	77		78		40-140	1		50
Caprolactam	49		48		15-130	2		50
2,3,4,6-Tetrachlorophenol	62		62		40-140	0		50
1,4-Dioxane	40		40		40-140	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-06 Batch: WG1831191-2 WG1831191-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		58		25-120
Phenol-d6	61		59		10-120
Nitrobenzene-d5	55		54		23-120
2-Fluorobiphenyl	66		65		30-120
2,4,6-Tribromophenol	73		74		10-136
4-Terphenyl-d14	66		64		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1832946-2 WG1832946-3								
3,3'-Dichlorobenzidine	57		60		40-140	5		30
2,4-Dinitrotoluene	58		56		48-143	4		30
2,6-Dinitrotoluene	55		59		40-140	7		30
4-Chlorophenyl phenyl ether	54		58		40-140	7		30
4-Bromophenyl phenyl ether	56		59		40-140	5		30
Bis(2-chloroisopropyl)ether	54		55		40-140	2		30
Bis(2-chloroethoxy)methane	52		56		40-140	7		30
Hexachlorocyclopentadiene	50		50		40-140	0		30
Isophorone	54		55		40-140	2		30
Nitrobenzene	54		56		40-140	4		30
NDPA/DPA	57		59		40-140	3		30
n-Nitrosodi-n-propylamine	53		56		29-132	6		30
Butyl benzyl phthalate	62		61		40-140	2		30
Di-n-butylphthalate	59		60		40-140	2		30
Di-n-octylphthalate	57		54		40-140	5		30
Diethyl phthalate	58		61		40-140	5		30
Dimethyl phthalate	58		57		40-140	2		30
Biphenyl	56		58		40-140	4		30
4-Chloroaniline	55		55		40-140	0		30
2-Nitroaniline	56		54		52-143	4		30
3-Nitroaniline	49		54		25-145	10		30
4-Nitroaniline	53		59		51-143	11		30
Dibenzofuran	55		58		40-140	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1832946-2 WG1832946-3								
1,2,4,5-Tetrachlorobenzene	55		58		2-134	5		30
Acetophenone	56		55		39-129	2		30
2,4,6-Trichlorophenol	60		61		30-130	2		30
p-Chloro-m-cresol	55		57		23-97	4		30
2-Chlorophenol	52		53		27-123	2		30
2,4-Dichlorophenol	59		61		30-130	3		30
2,4-Dimethylphenol	60		59		30-130	2		30
2-Nitrophenol	51		55		30-130	8		30
4-Nitrophenol	43		44		10-80	2		30
2,4-Dinitrophenol	80		82		20-130	2		30
4,6-Dinitro-o-cresol	54		51		20-164	6		30
Phenol	37		37		12-110	0		30
2-Methylphenol	50		54		30-130	8		30
3-Methylphenol/4-Methylphenol	50		51		30-130	2		30
2,4,5-Trichlorophenol	60		59		30-130	2		30
Carbazole	57		61		55-144	7		30
Atrazine	61		61		40-140	0		30
Benzaldehyde	69		68		40-140	1		30
Caprolactam	38		38		10-130	0		30
2,3,4,6-Tetrachlorophenol	66		69		40-140	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1832946-2 WG1832946-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		46		21-120
Phenol-d6	38		37		10-120
Nitrobenzene-d5	56		60		23-120
2-Fluorobiphenyl	55		55		15-120
2,4,6-Tribromophenol	61		61		10-120
4-Terphenyl-d14	55		56		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1832947-2 WG1832947-3								
Acenaphthene	64		62		40-140	3		40
2-Chloronaphthalene	59		59		40-140	0		40
Fluoranthene	66		63		40-140	5		40
Hexachlorobutadiene	49		48		40-140	2		40
Naphthalene	62		60		40-140	3		40
Benzo(a)anthracene	74		71		40-140	4		40
Benzo(a)pyrene	77		74		40-140	4		40
Benzo(b)fluoranthene	73		72		40-140	1		40
Benzo(k)fluoranthene	76		72		40-140	5		40
Chrysene	68		64		40-140	6		40
Acenaphthylene	67		66		40-140	2		40
Anthracene	70		67		40-140	4		40
Benzo(ghi)perylene	69		64		40-140	8		40
Fluorene	66		65		40-140	2		40
Phenanthrene	63		60		40-140	5		40
Dibenzo(a,h)anthracene	68		64		40-140	6		40
Indeno(1,2,3-cd)pyrene	70		64		40-140	9		40
Pyrene	64		60		40-140	6		40
2-Methylnaphthalene	64		63		40-140	2		40
Pentachlorophenol	78		76		40-140	3		40
Hexachlorobenzene	56		54		40-140	4		40
Bis(2-Ethylhexyl)phthalate	87		89		40-140	2		40
Hexachloroethane	71		70		40-140	1		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1832947-2 WG1832947-3								
Bis(2-chloroethyl)ether	72		71		40-140	1		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		64		21-120
Phenol-d6	59		58		10-120
Nitrobenzene-d5	96		96		23-120
2-Fluorobiphenyl	60		60		15-120
2,4,6-Tribromophenol	84		84		10-120
4-Terphenyl-d14	57		56		41-149

PCBS

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-01
Client ID: TRC-GW-02
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 13:15
Date Received: 09/21/23
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/28/23 13:56
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 09/27/23 18:22
Cleanup Method: EPA 3665A
Cleanup Date: 09/27/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/23

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	89		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/28/23 11:34
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 09/27/23 16:12
Cleanup Method: EPA 3665A
Cleanup Date: 09/27/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/28/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1832791-1						
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	72		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	84		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1832791-2 WG1832791-3									
Aroclor 1016	74		68		40-140	9		50	A
Aroclor 1260	71		66		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		67		30-150	A
Decachlorobiphenyl	79		72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		72		30-150	B
Decachlorobiphenyl	90		78		30-150	B

METALS

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-01 Date Collected: 09/21/23 13:15

Client ID: TRC-GW-02 Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Antimony, Total	0.00120	J	mg/l	0.00400	0.00042	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00701		mg/l	0.00050	0.00016	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Barium, Total	0.4938		mg/l	0.00050	0.00017	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Beryllium, Total	0.00135		mg/l	0.00050	0.00010	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00085		mg/l	0.00020	0.00005	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Chromium, Total	0.06702		mg/l	0.00100	0.00017	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.03264		mg/l	0.00050	0.00016	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Copper, Total	0.1181		mg/l	0.00100	0.00038	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Lead, Total	0.4077		mg/l	0.00100	0.00034	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Manganese, Total	1.353		mg/l	0.00100	0.00044	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00034		mg/l	0.00020	0.00009	1	09/23/23 10:31	09/23/23 21:40	EPA 7470A	1,7470A	GMG
Nickel, Total	0.05023		mg/l	0.00200	0.00055	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Selenium, Total	0.00874		mg/l	0.00500	0.00173	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Silver, Total	0.00023	J	mg/l	0.00040	0.00016	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00072	J	mg/l	0.00100	0.00014	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.06605		mg/l	0.00500	0.00157	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Zinc, Total	0.3042		mg/l	0.01000	0.00341	1	09/23/23 07:28	09/25/23 18:18	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Antimony, Dissolved	0.00045	J	mg/l	0.00400	0.00042	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00045	J	mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.1205		mg/l	0.00050	0.00017	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Cadmium, Dissolved	0.00021		mg/l	0.00020	0.00005	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	0.00089	J	mg/l	0.00100	0.00017	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00084		mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00286		mg/l	0.00100	0.00038	1	09/27/23 09:40	09/27/23 14:30	EPA 3005A	1,6020B	EJF
Lead, Dissolved	0.00262		mg/l	0.00100	0.00034	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.3066		mg/l	0.00100	0.00044	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/22/23 20:38	09/26/23 17:38	EPA 7470A	1,7470A	AMW

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-01 Date Collected: 09/21/23 13:15

Client ID: TRC-GW-02 Date Received: 09/21/23

Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Nickel, Dissolved	0.00376		mg/l	0.00200	0.00055	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	0.00344	J	mg/l	0.00500	0.00173	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	0.01343		mg/l	0.01000	0.00341	1	09/22/23 18:31	09/26/23 22:19	EPA 3005A	1,6020B	EJF

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2355625
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-02
Client ID: TRC-SB-104 (5-7)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 09:35
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	17.4		mg/kg	5.08	0.272	2	09/22/23 22:13	09/25/23 00:53	EPA 3050B	1,6010D	MAM

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2355625
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-03
Client ID: TRC-SB-104 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 09:45
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.77		mg/kg	2.69	0.144	1	09/22/23 22:13	09/24/23 20:41	EPA 3050B	1,6010D	MAM

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355625
Project Number:	549782	**Report Date:**	10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-04	Date Collected:	09/21/23 11:40
Client ID:	TRC-SB-101 (8.5-9.5)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, 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											
Lead, Total	102		mg/kg	2.46	0.132	1	09/22/23 22:13	09/24/23 20:44	EPA 3050B	1,6010D	MAM

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355625
Project Number:	549782	**Report Date:**	10/16/23

SAMPLE RESULTS

Lab ID:	L2355625-05	Date Collected:	09/21/23 11:50
Client ID:	TRC-SB-101 (10.5-12.5)	Date Received:	09/21/23
Sample Location:	257 FRANKLIN STREET, BROOKLYN, NY	Field Prep:	Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	11.2		mg/kg	2.33	0.125	1	09/22/23 22:13	09/24/23 20:47	EPA 3050B	1,6010D	MAM

Project Name: 257 FRANKLIN ST. PHASE II ESI
Lab Number: L2355625
Project Number: 549782
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-06
Client ID: TRC-SB-DUP-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 00:00
Date Received: 09/21/23
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	6.76		mg/kg	2.48	0.133	1	09/22/23 22:13	09/24/23 20:51	EPA 3050B	1,6010D	MAM

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-06 Batch: WG1830809-1										
Lead, Total	ND		mg/kg	2.00	0.107	1	09/22/23 22:13	09/24/23 19:10	1,6010D	MAM

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG1830836-1										
Antimony, Dissolved	0.00083	J	mg/l	0.00400	0.00042	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Chromium, Dissolved	0.00041	J	mg/l	0.00100	0.00017	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/22/23 18:31	09/26/23 21:46	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG1830839-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/22/23 20:38	09/26/23 16:31	1,7470A	AMW

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1830888-1										
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/23/23 07:28	09/25/23 13:57	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1830891-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/23/23 10:31	09/23/23 21:34	1,7470A	GMG

Project Name: 257 FRANKLIN ST. PHASE II ESI **Lab Number:** L2355625

Project Number: 549782 **Report Date:** 10/16/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01 Batch: WG1832496-1										
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/27/23 09:40	09/27/23 13:53	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-06 Batch: WG1830809-2 SRM Lot Number: D119-540								
Lead, Total	107		-		82-118	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1830836-2								
Antimony, Dissolved	97		-		80-120	-		
Arsenic, Dissolved	106		-		80-120	-		
Barium, Dissolved	104		-		80-120	-		
Beryllium, Dissolved	106		-		80-120	-		
Cadmium, Dissolved	103		-		80-120	-		
Chromium, Dissolved	113		-		80-120	-		
Cobalt, Dissolved	113		-		80-120	-		
Lead, Dissolved	109		-		80-120	-		
Manganese, Dissolved	116		-		80-120	-		
Nickel, Dissolved	106		-		80-120	-		
Selenium, Dissolved	99		-		80-120	-		
Silver, Dissolved	113		-		80-120	-		
Thallium, Dissolved	111		-		80-120	-		
Vanadium, Dissolved	112		-		80-120	-		
Zinc, Dissolved	109		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1830839-2								
Mercury, Dissolved	104		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1830888-2					
Antimony, Total	88	-	80-120	-	
Arsenic, Total	104	-	80-120	-	
Barium, Total	99	-	80-120	-	
Beryllium, Total	102	-	80-120	-	
Cadmium, Total	107	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	107	-	80-120	-	
Lead, Total	96	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Nickel, Total	102	-	80-120	-	
Selenium, Total	101	-	80-120	-	
Silver, Total	111	-	80-120	-	
Thallium, Total	91	-	80-120	-	
Vanadium, Total	98	-	80-120	-	
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1830891-2					
Mercury, Total	95	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1832496-2					
Cadmium, Dissolved	97	-	80-120	-	
Chromium, Dissolved	94	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Zinc, Dissolved	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

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): 02-06 QC Batch ID: WG1830809-3 WG1830809-4 QC Sample: L2355370-10 Client ID: MS Sample												
Lead, Total	1.60J	48.8	50.3	103		50.1	106		75-125	0		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830836-3 QC Sample: L2355233-07 Client ID: MS Sample												
Antimony, Dissolved	ND	0.5	0.5013	100		-	-		75-125	-		20
Arsenic, Dissolved	0.00039J	0.12	0.1379	115		-	-		75-125	-		20
Barium, Dissolved	0.07266	2	2.162	104		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.05355	107		-	-		75-125	-		20
Cadmium, Dissolved	0.00006J	0.053	0.05510	104		-	-		75-125	-		20
Chromium, Dissolved	0.00501	0.2	0.2306	113		-	-		75-125	-		20
Cobalt, Dissolved	0.00099	0.5	0.5545	111		-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.5657	107		-	-		75-125	-		20
Manganese, Dissolved	0.2281	0.5	0.8105	116		-	-		75-125	-		20
Nickel, Dissolved	0.00417	0.5	0.5430	108		-	-		75-125	-		20
Selenium, Dissolved	0.00175J	0.12	0.118	98		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.05544	111		-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.1305	109		-	-		75-125	-		20
Vanadium, Dissolved	ND	0.5	0.5591	112		-	-		75-125	-		20
Zinc, Dissolved	0.00568J	0.5	0.5551	111		-	-		75-125	-		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830839-3 QC Sample: L2355233-08 Client ID: MS Sample												
Mercury, Dissolved	ND	0.005	0.00517	104		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

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 QC Batch ID: WG1830888-3 QC Sample: L2355520-01 Client ID: MS Sample										
Antimony, Total	0.0006J	0.5	0.5659	113		-	-	75-125	-	20
Arsenic, Total	0.00068	0.12	0.1373	114		-	-	75-125	-	20
Barium, Total	0.5012	2	2.547	102		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04693	94		-	-	75-125	-	20
Cadmium, Total	0.00021	0.053	0.05517	104		-	-	75-125	-	20
Chromium, Total	0.3850	0.2	0.6445	**130**	Q	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5092	102		-	-	75-125	-	20
Copper, Total	0.00773	0.25	0.2651	103		-	-	75-125	-	20
Lead, Total	0.00741	0.53	0.5567	104		-	-	75-125	-	20
Manganese, Total	0.0011	0.5	0.5053	101		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.5023	100		-	-	75-125	-	20
Selenium, Total	0.00371J	0.12	0.124	103		-	-	75-125	-	20
Silver, Total	ND	0.05	0.05367	107		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1165	97		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5010	100		-	-	75-125	-	20
Zinc, Total	0.01109	0.5	0.4860	95		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830891-3 QC Sample: L2355625-01 Client ID: TRC-GW-02										
Mercury, Total	0.00034	0.005	0.00563	106		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1832496-3 QC Sample: L2356231-01 Client ID: MS Sample									
Cadmium, Dissolved	0.00015J	0.053	0.05102	96	-	-	75-125	-	20
Chromium, Dissolved	0.00033J	0.2	0.1827	91	-	-	75-125	-	20
Copper, Dissolved	0.01176	0.25	0.2498	95	-	-	75-125	-	20
Lead, Dissolved	0.00824	0.53	0.5316	99	-	-	75-125	-	20
Zinc, Dissolved	0.4247	0.5	0.9127	98	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830836-4 QC Sample: L2355233-07 Client ID: DUP Sample						
Antimony, Dissolved	ND	ND	mg/l	NC		20
Arsenic, Dissolved	0.00039J	0.00027J	mg/l	NC		20
Barium, Dissolved	0.07266	0.07204	mg/l	1		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	0.00006J	ND	mg/l	NC		20
Chromium, Dissolved	0.00501	0.00497	mg/l	1		20
Cobalt, Dissolved	0.00099	0.00103	mg/l	4		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Manganese, Dissolved	0.2281	0.2291	mg/l	0		20
Nickel, Dissolved	0.00417	0.00419	mg/l	0		20
Selenium, Dissolved	0.00175J	0.00262J	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Thallium, Dissolved	ND	0.00024J	mg/l	NC		20
Vanadium, Dissolved	ND	ND	mg/l	NC		20
Zinc, Dissolved	0.00568J	0.00579J	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830839-4 QC Sample: L2355233-08 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830888-4 QC Sample: L2355520-01 Client ID: DUP Sample					
Arsenic, Total	0.00068	0.00068	mg/l	1	20
Barium, Total	0.5012	0.5041	mg/l	1	20
Cadmium, Total	0.00021	0.00022	mg/l	6	20
Chromium, Total	0.3850	0.3897	mg/l	1	20
Copper, Total	0.00773	0.00774	mg/l	0	20
Lead, Total	0.00741	0.00747	mg/l	1	20
Selenium, Total	0.00371J	0.00396J	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.01109	0.01128	mg/l	2	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830888-4 QC Sample: L2355520-01 Client ID: DUP Sample					
Cobalt, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830891-4 QC Sample: L2355625-01 Client ID: TRC-GW-02					
Mercury, Total	0.00034	0.00037	mg/l	9	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1832496-4 QC Sample: L2356231-01 Client ID: DUP Sample					
Cadmium, Dissolved	0.00015J	0.00016J	mg/l	NC	20
Chromium, Dissolved	0.00033J	0.00036J	mg/l	NC	20
Copper, Dissolved	0.01176	0.01311	mg/l	11	20
Lead, Dissolved	0.00824	0.00818	mg/l	1	20
Zinc, Dissolved	0.4247	0.4320	mg/l	2	20

Lab Serial Dilution Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1830836-6 QC Sample: L2355233-07 Client ID: DUP Sample						
Barium, Dissolved	0.07266	0.07268	mg/l	0		20
Manganese, Dissolved	0.2281	0.2291	mg/l	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-02
Client ID: TRC-SB-104 (5-7)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 09:35
Date Received: 09/21/23
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	75.0		%	0.100	NA	1	-	09/22/23 13:50	121,2540G	ROI

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-03
Client ID: TRC-SB-104 (8-10)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 09:45
Date Received: 09/21/23
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	73.5		%	0.100	NA	1	-	09/22/23 13:50	121,2540G	ROI

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-04
Client ID: TRC-SB-101 (8.5-9.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 11:40
Date Received: 09/21/23
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	80.0		%	0.100	NA	1	-	09/22/23 14:26	121,2540G	ROI

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782
Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-05
Client ID: TRC-SB-101 (10.5-12.5)
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 11:50
Date Received: 09/21/23
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	81.5		%	0.100	NA	1	-	09/22/23 14:04	121,2540G	ROI

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

SAMPLE RESULTS

Lab ID: L2355625-06
Client ID: TRC-SB-DUP-03
Sample Location: 257 FRANKLIN STREET, BROOKLYN, NY

Date Collected: 09/21/23 00:00
Date Received: 09/21/23
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	79.3		%	0.100	NA	1	-	09/22/23 14:04	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 257 FRANKLIN ST. PHASE II ESI

Project Number: 549782

Lab Number: L2355625

Report Date: 10/16/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 02-03 QC Batch ID: WG1830696-1 QC Sample: L2355777-14 Client ID: DUP Sample						
Solids, Total	93.9	95.6	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 05-06 QC Batch ID: WG1830737-1 QC Sample: L2355727-01 Client ID: DUP Sample						
Solids, Total	91.7	91.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG1830883-1 QC Sample: L2355398-01 Client ID: DUP Sample						
Solids, Total	82.6	80.8	%	2		20

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355625-01A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2355625-01B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2355625-01C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L2355625-01D	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2355625-01E	Amber 120ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-LVI(365)
L2355625-01F	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-LVI(7)
L2355625-01G	Amber 250ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270-SIM-LVI(7)
L2355625-01H	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		V-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),CR-6020S(180),NI-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28)
L2355625-01I	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2355625-02A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-02B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-02C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-02D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2355625-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		PB-TI(180)
L2355625-02F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2355625-02X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-02Y	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355625-02Z	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)
L2355625-03A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-03B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-03C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-03D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2355625-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		PB-TI(180)
L2355625-03F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2355625-03X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-03Y	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)
L2355625-03Z	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)
L2355625-04A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-04B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-04C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-04D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2355625-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		PB-TI(180)
L2355625-04F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2355625-04G	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2355625-04X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-04Y	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)
L2355625-04Z	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)
L2355625-05A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-05B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-05C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-05D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2355625-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		PB-TI(180)
L2355625-05F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2355625-05X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-05Y	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 257 FRANKLIN ST. PHASE II ESI
Project Number: 549782

Lab Number: L2355625
Report Date: 10/16/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2355625-05Z	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)
L2355625-06A	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-06B	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-06C	5 gram Encore Sampler	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-06D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2355625-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		PB-TI(180)
L2355625-06F	Glass 120ml/4oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14)
L2355625-06X	Vial MeOH preserved split	A	NA		2.3	Y	Absent		NYTCL-8260HLW(14)
L2355625-06Y	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)
L2355625-06Z	Vial Water preserved split	A	NA		2.3	Y	Absent	22-SEP-23 12:49	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355625
Project Number:	549782	**Report Date:**	10/16/23

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355625
Project Number:	549782	**Report Date:**	10/16/23

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355625
Project Number:	549782	**Report Date:**	10/16/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

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.)

Project Name:	257 FRANKLIN ST. PHASE II ESI	**Lab Number:**	L2355625
Project Number:	549782	**Report Date:**	10/16/23

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 9/22/23

ALPHA Job #: L2355625

Client Information

Client: TRC Engineers, Inc.
Address: 1430 Broadway 10th Fl
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: Sambrose@trccompanies.com

Project Information

Project Name: 257 Franklin St Phase II ESI
Project Location: 257 Franklin St, Brooklyn, NY
Project #: 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 day

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # 206477

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Cat B deliverables, Tal less Al, Ca, Co, Fe, K, Mg, Na, V

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☒ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL and CP-51 VOCs	TCL and CP-51 SVOCs	Tal metals field filtered	Tal metals unfiltered	TCL PCBs	PFAS			Sample Specific Comments	Total Bottle
55625-01	TRC-GW-02	09/21	1315	GW	HD	X	X	X	X	X					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
I = Zn Ac/NaOH
J = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	09/21 1515	[signature]	9/21/23 1515
[signature]	9/21/23 1850	[signature]	9/21/23 1930
[signature]	9/21/23	[signature]	9/21 2215
[signature]	9/22 0045	[signature]	9/22/23 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 9/22/23

ALPHA Job #: L2355625

Client Information

Client: TRC Engineers, Inc.
Address: 1430 Broadway 10th Fl
New York, NY 10018
Phone: 212-221-7822
Fax: 212-221-7840
Email: slambrose@trcompanies.com

Project Information

Project Name: 257 Franklin St. Phase II ESI
Project Location: 257 Franklin St, Brooklyn, NY
Project #: 549782
(Use Project name as Project #) ☐
Project Manager: Sam Ambrose
ALPHAQuote #: NYCSCA Project

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 days

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☒ NY CP-51
☐ NY Restricted Use ☐ Other
☒ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO # 206477

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B Deliverables, Less Al, Ca, Co, Fe, K, Mg, Na, V

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL and CP-51 VOCs + TICs	TCL and CP-51 SVOCs + TICs	Lead by 6010C						Sample Specific Comments	Total Bottle
55625-02	TRC-SB-104(5-7)	09/21	0935	Soil	HD	X	X	X							
-03	TRC-SB-104(8-10)	09/21	0945	Soil	HD	X	X	X							
-04	TRC-SB-101(8.5-9.5)	09/21	1140	Soil	HD	X	X	X							
-05	TRC-SB-101(10.5-12.5)	09/21	1150	Soil	HD	X	X	X							
-06	TRC-SB-DUP-03	09/21	—	Soil	HD	X	X	X							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type								
Preservative								

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	09/21 1518	[signature]	9/21/23 15:18
[signature]	9/21/23 18:55	[signature]	9/21/23 19:20
[signature]	9/21/23	[signature] AAC	9/21 22:15
[signature] AAC	9/22 00:45	[signature]	9/22/23 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

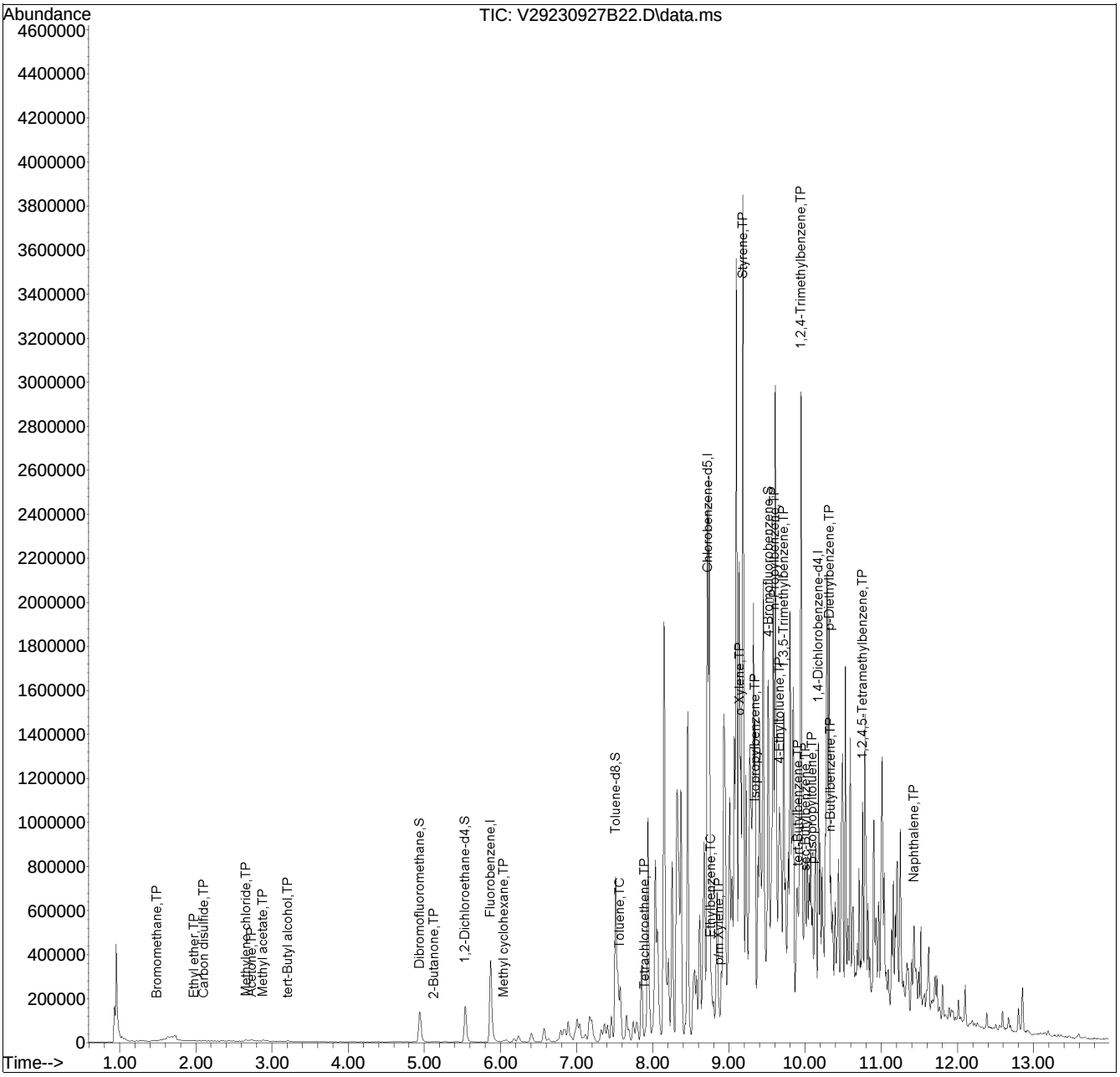
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA129\2023\230927B\
Data File : V29230927B22.D
Acq On : 27 Sep 2023 04:05 pm
Operator : VOA129:LAC
Sample : l2355625-04,31h,3.13,5,0.100,,x
Misc : WG1832746,ICAL20284
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 27 20:06:06 2023
Quant Method : K:\VOA129\2023\230927B\V129_230822A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 23 08:54:48 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox27B01.D•



APPENDIX E

REMEDIAL COST ESTIMATE