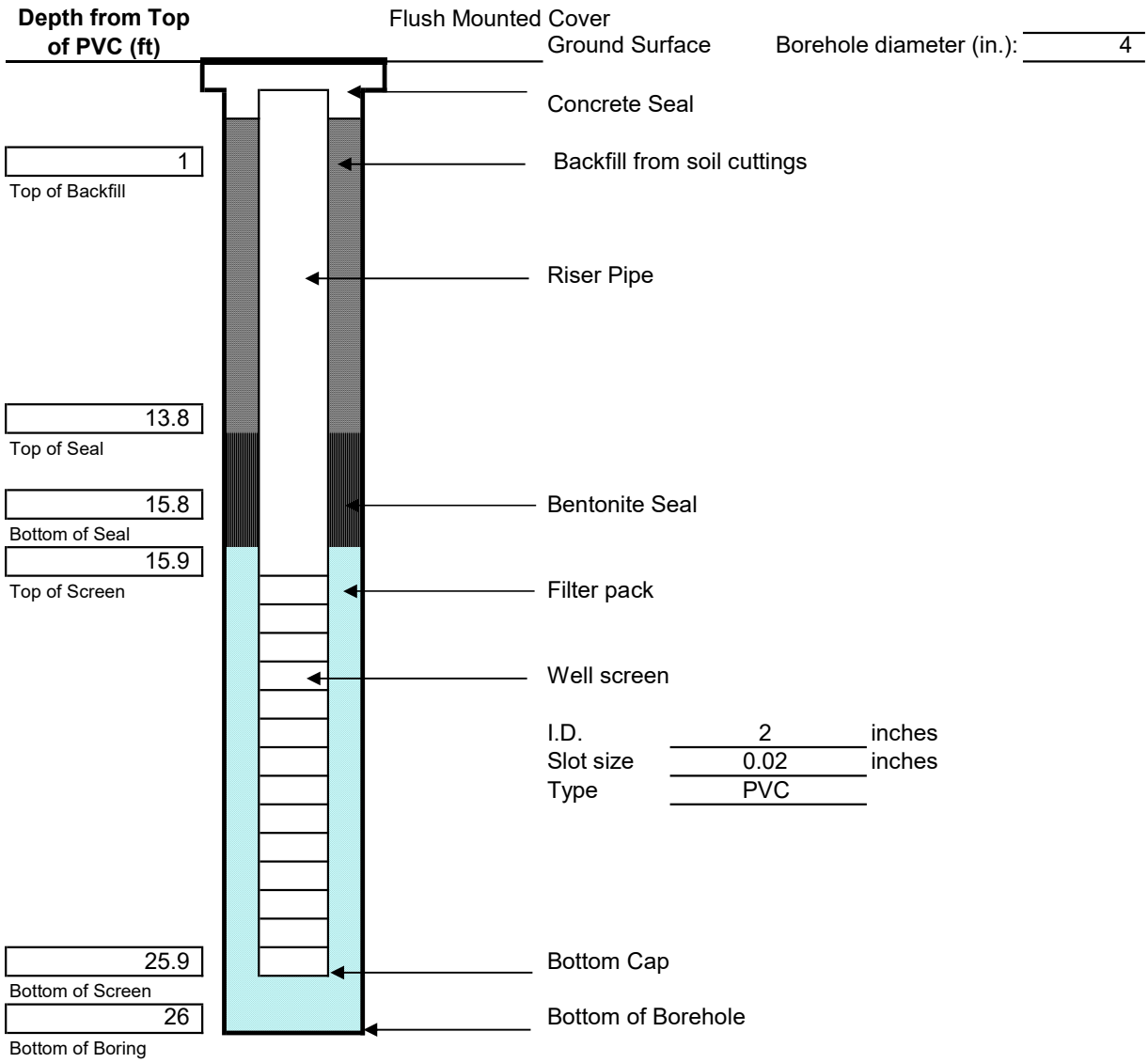
APPENDIX T – MONITORING WELL CONSTRUCTION LOGS

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-13

Project: 101 East 150th Street		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: NA	Driller: Clean Globe Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 25.41	GZA Rep: M. Frey	10/6/2023	11:30	19.5
Datum: NAVD88	Date of Completion: : 10/6/23			

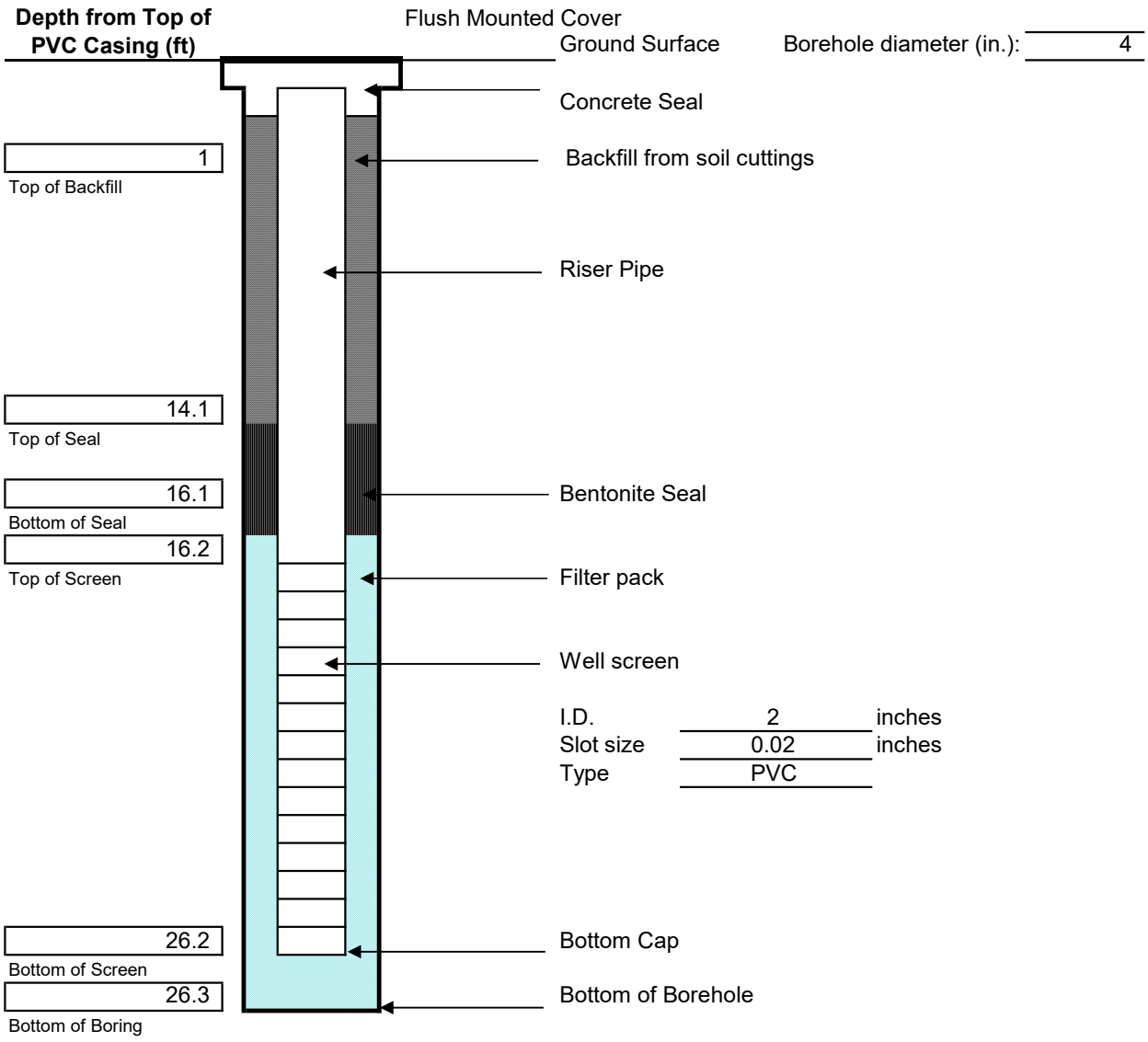


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-14

Project: 101 East 150th Street SRI		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: NA	Driller: Clean Globe Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 25.00	GZA Rep: M. Frey	10/6/2023	10:15	19.52
Datum: NAVD88	Date of Completion : 10/6/23			

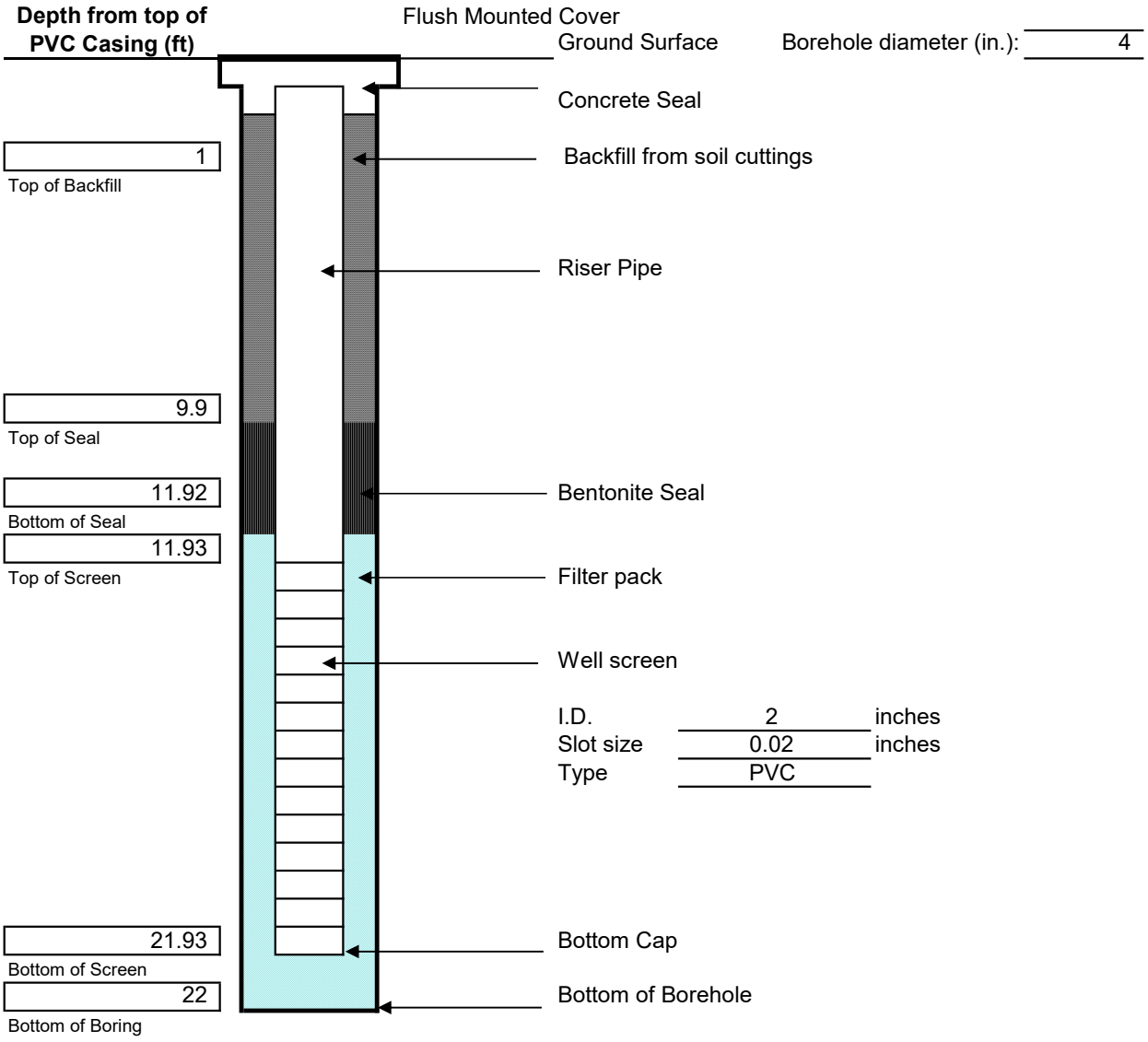


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-15

Project: 101 East 150th Street SRI		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: NA	Driller: Clean Globe Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 18.20	GZA Rep: M. Frey	10/5/2023	1:10	14.49
Datum: NAVD88	Date of Completion : 10/5/23			

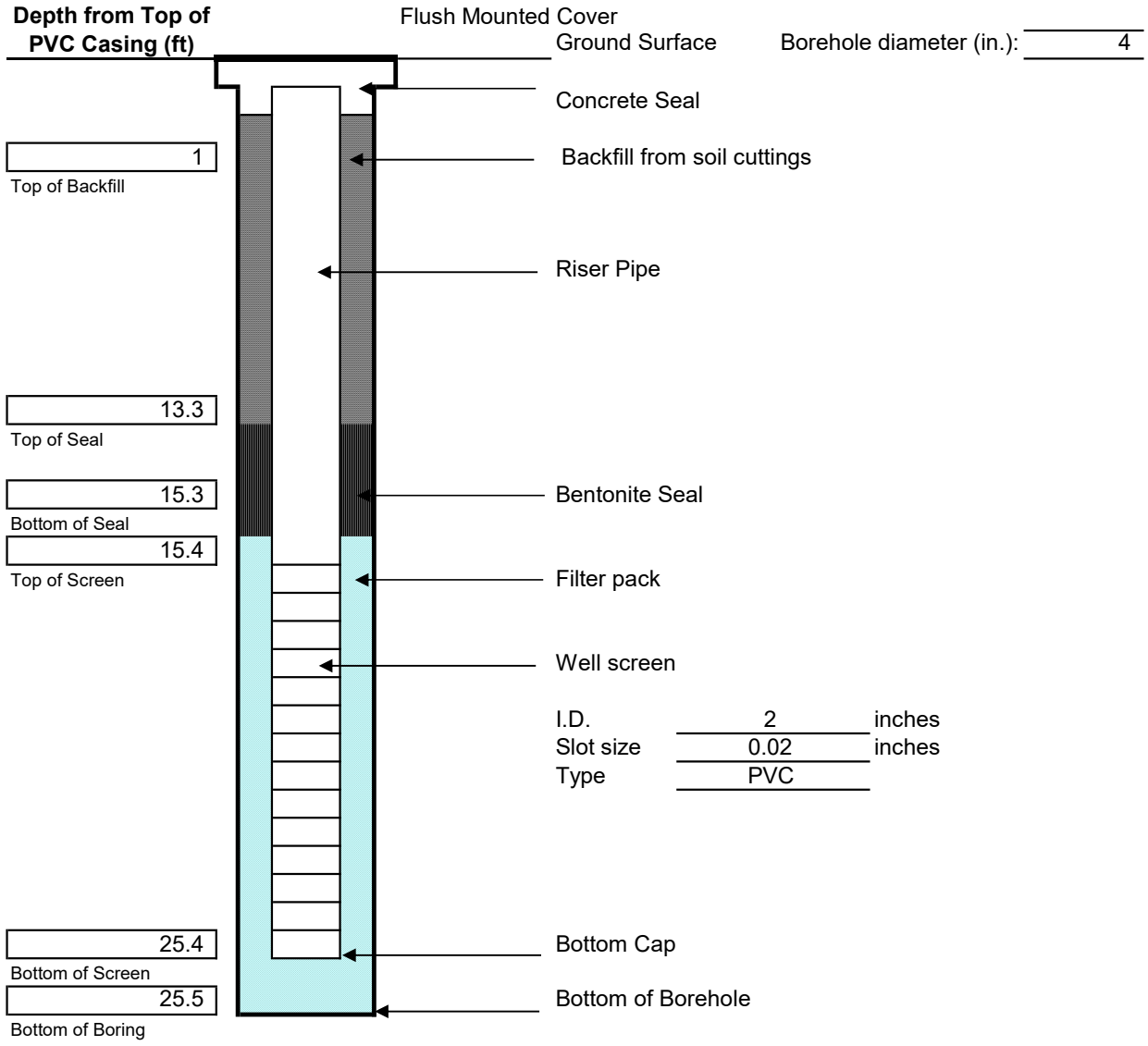


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-16

Project: 101 East 150th Street		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: NA	Driller: Clean Globe Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 20.59	GZA Rep: M. Frey	10/5/2023	11:00	17.2
Datum: NAVD88	Date of Completion: 10/5/23			

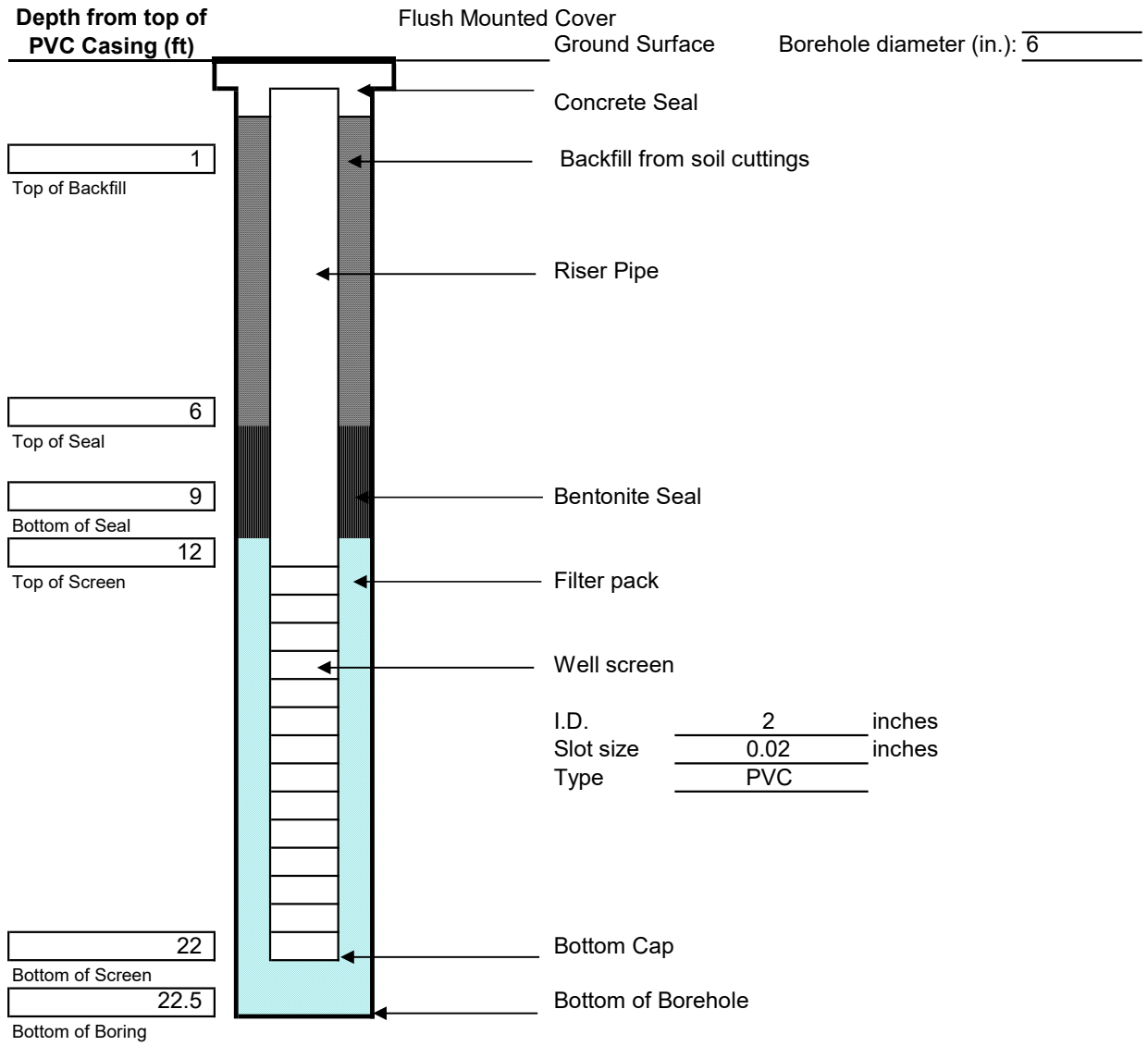


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-17

Project: 101 East 150th Street		Page 1 of 1
Project No.: 41.0163097.00		Water Levels
Surface Elevation: 17.86	Driller: Coastal Environmental	Date / Time / Depth
Top of PVC Casing Elevation: 17.70	GZA Rep: J. Bogach	7/31/2024 / 14:10 / 14.52
Datum: NAVD88	Date of Completion: 7/15/2024	

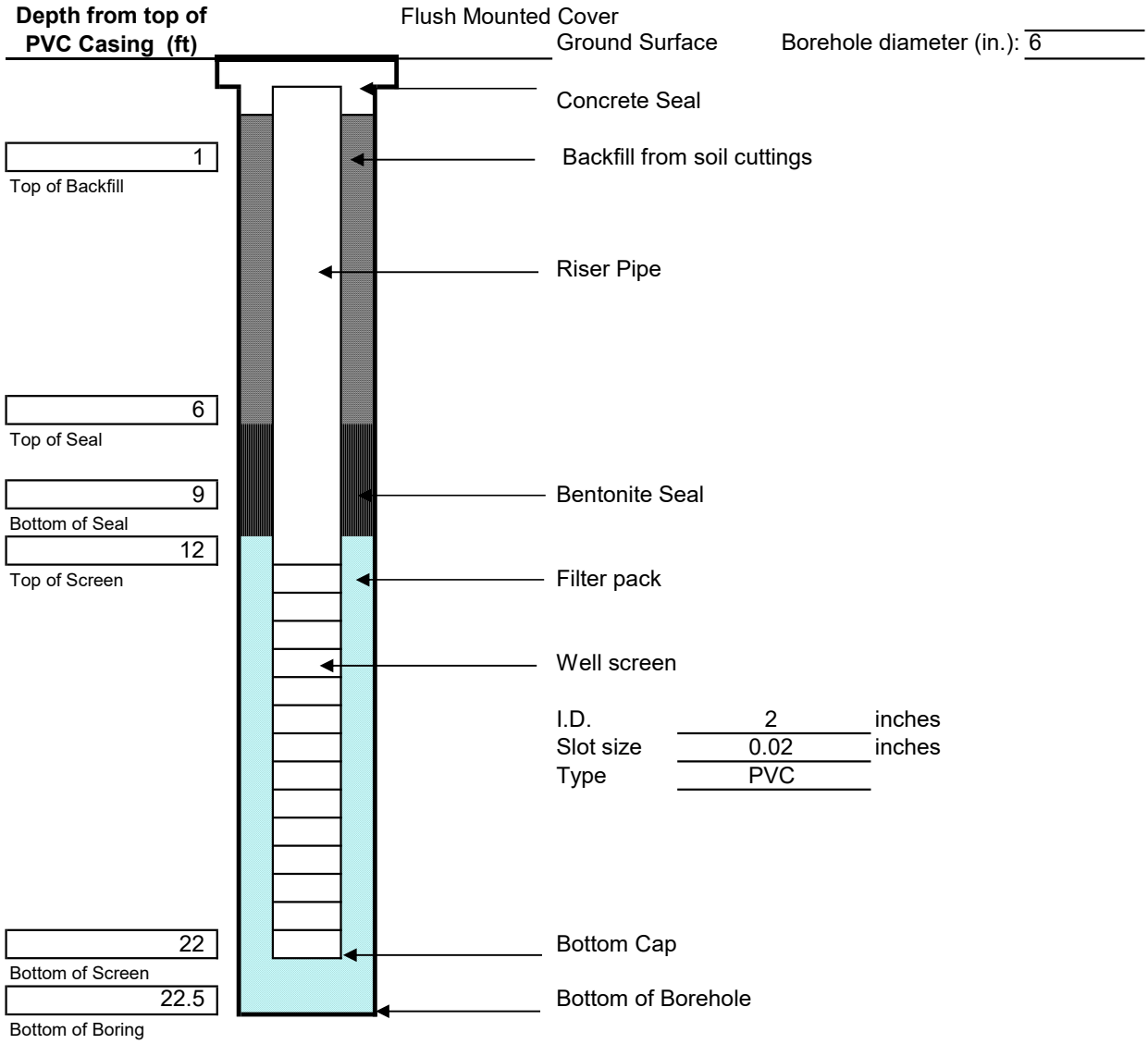


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-18

Project: 101 East 150th Street OSD		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: 19.45	Driller: Coastal Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 19.15	GZA Rep: J. Bogach	8/1/2024	8:35	15.68
Datum: NAVD88	Date of Completion: 7/15/2024			

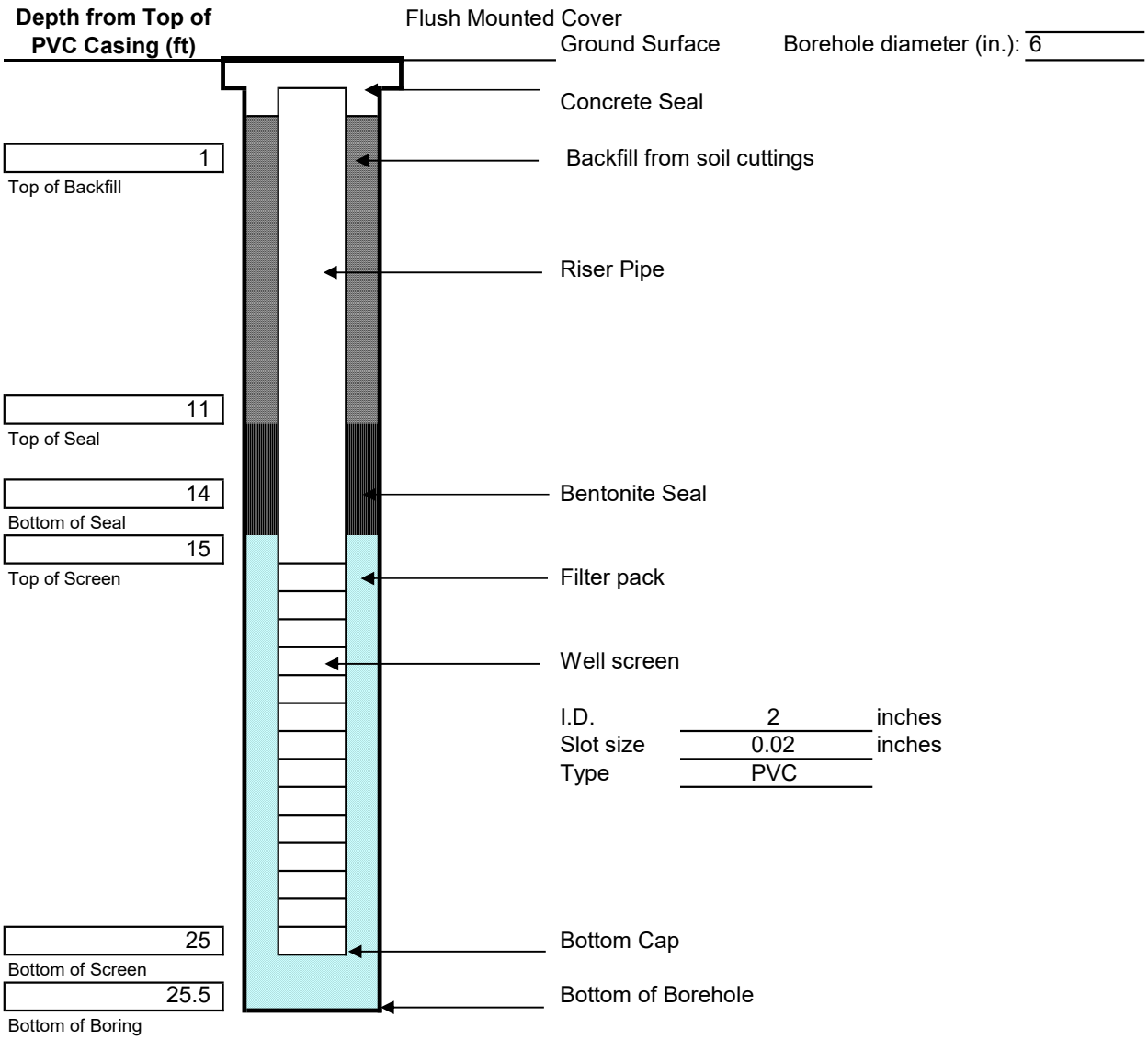


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-19

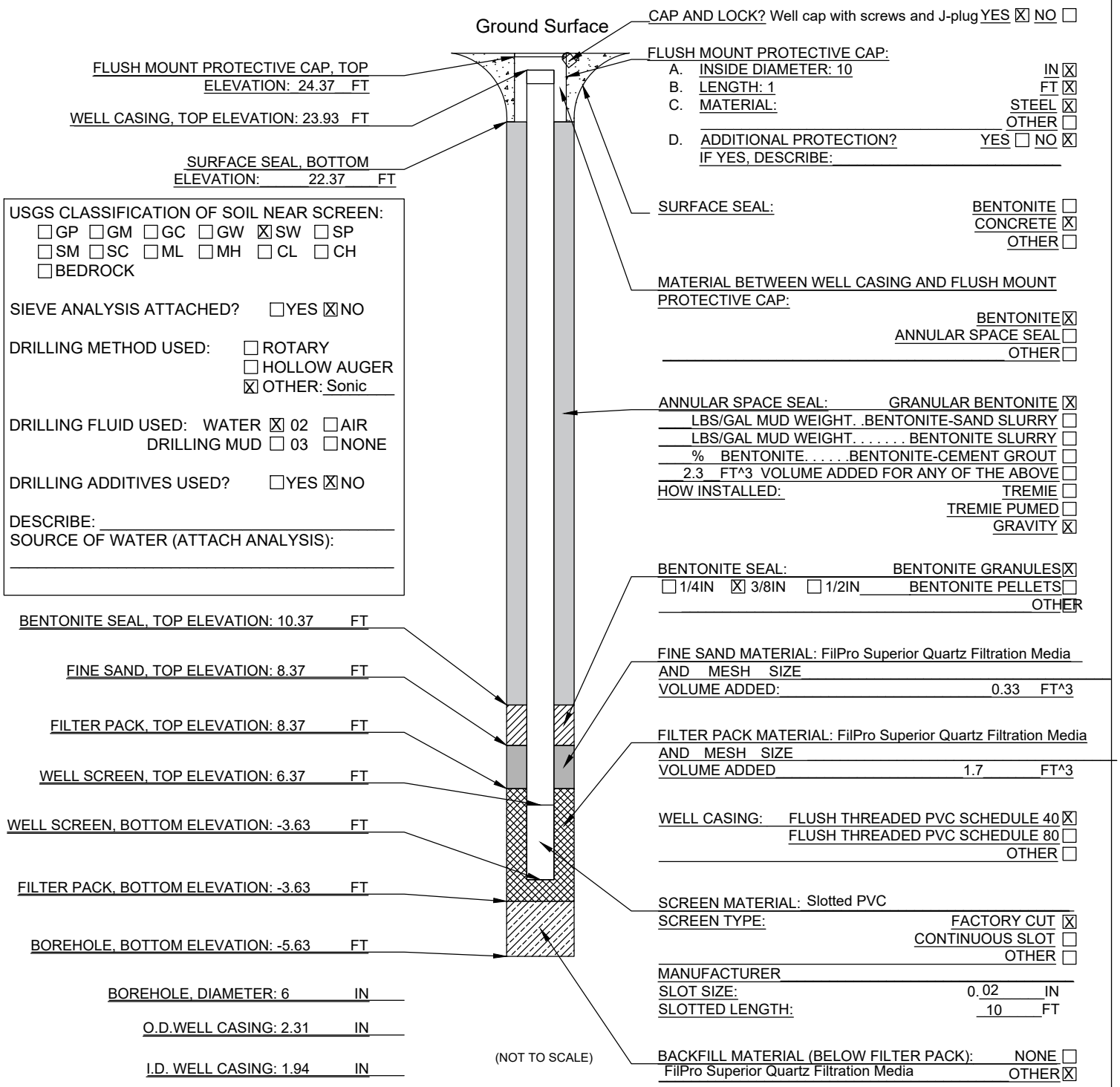
Project: 101 East 150th Street		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: 18.17	Driller: Coastal Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 17.91	GZA Rep: J. Natalie	9/24/2024	7:30	14.8
Datum: NAVD88	Date of Completion: 9/17/2024			



Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GZA GEOENVIRONMENTAL OF NEW YORK **Well No. MW-01**

Project: 101 E. 150th Street Remedial Investigation	Location: 101 E. 150th St, Bronx, NY	Page 1 of 1		
Project No. 41.0162951.10	Contractor: Cascade ADT	Water Levels		
Surface Elevation: 24.37	Driller: Daniel Johnson	Date	Time	Depth
Top of PVC Casing Elevation: 23.93	GZA Rep: Jackson Bogach	08/29/22	7:29	21.1
Datum: NAVD 88	Date of Completion: 08/23/22			



USGS CLASSIFICATION OF SOIL NEAR SCREEN:
☐ GP ☐ GM ☐ GC ☐ GW ☒ SW ☐ SP
☐ SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH
☐ BEDROCK

SIEVE ANALYSIS ATTACHED? ☐ YES ☒ NO

DRILLING METHOD USED:
☐ ROTARY
☐ HOLLOW AUGER
☒ OTHER: Sonic

DRILLING FLUID USED: WATER ☒ 02 ☐ AIR
DRILLING MUD ☐ 03 ☐ NONE

DRILLING ADDITIVES USED? ☐ YES ☒ NO

DESCRIBE:
SOURCE OF WATER (ATTACH ANALYSIS):

CAP AND LOCK? Well cap with screws and J-plug YES ☒ NO ☐

FLUSH MOUNT PROTECTIVE CAP:
A. INSIDE DIAMETER: 10 IN ☒
B. LENGTH: 1 FT ☒
C. MATERIAL: STEEL ☒ OTHER ☐
D. ADDITIONAL PROTECTION? YES ☐ NO ☒
IF YES, DESCRIBE:

SURFACE SEAL: BENTONITE ☐ CONCRETE ☒ OTHER ☐

MATERIAL BETWEEN WELL CASING AND FLUSH MOUNT PROTECTIVE CAP: BENTONITE ☒ ANNULAR SPACE SEAL ☐ OTHER ☐

ANNULAR SPACE SEAL: GRANULAR BENTONITE ☒
LBS/GAL MUD WEIGHT. .BENTONITE-SAND SLURRY ☐
LBS/GAL MUD WEIGHT. . . . . BENTONITE SLURRY ☐
% BENTONITE. . . . . .BENTONITE-CEMENT GROUT ☐
2.3 FT^3 VOLUME ADDED FOR ANY OF THE ABOVE ☐
HOW INSTALLED: TREMIE ☐ TREMIE PUMED ☐ GRAVITY ☒

BENTONITE SEAL: BENTONITE GRANULES ☒
☐ 1/4IN ☒ 3/8IN ☐ 1/2IN BENTONITE PELLETS ☐
OTHER ☐

FINE SAND MATERIAL: FilPro Superior Quartz Filtration Media
AND MESH SIZE
VOLUME ADDED: 0.33 FT^3

FILTER PACK MATERIAL: FilPro Superior Quartz Filtration Media
AND MESH SIZE
VOLUME ADDED 1.7 FT^3

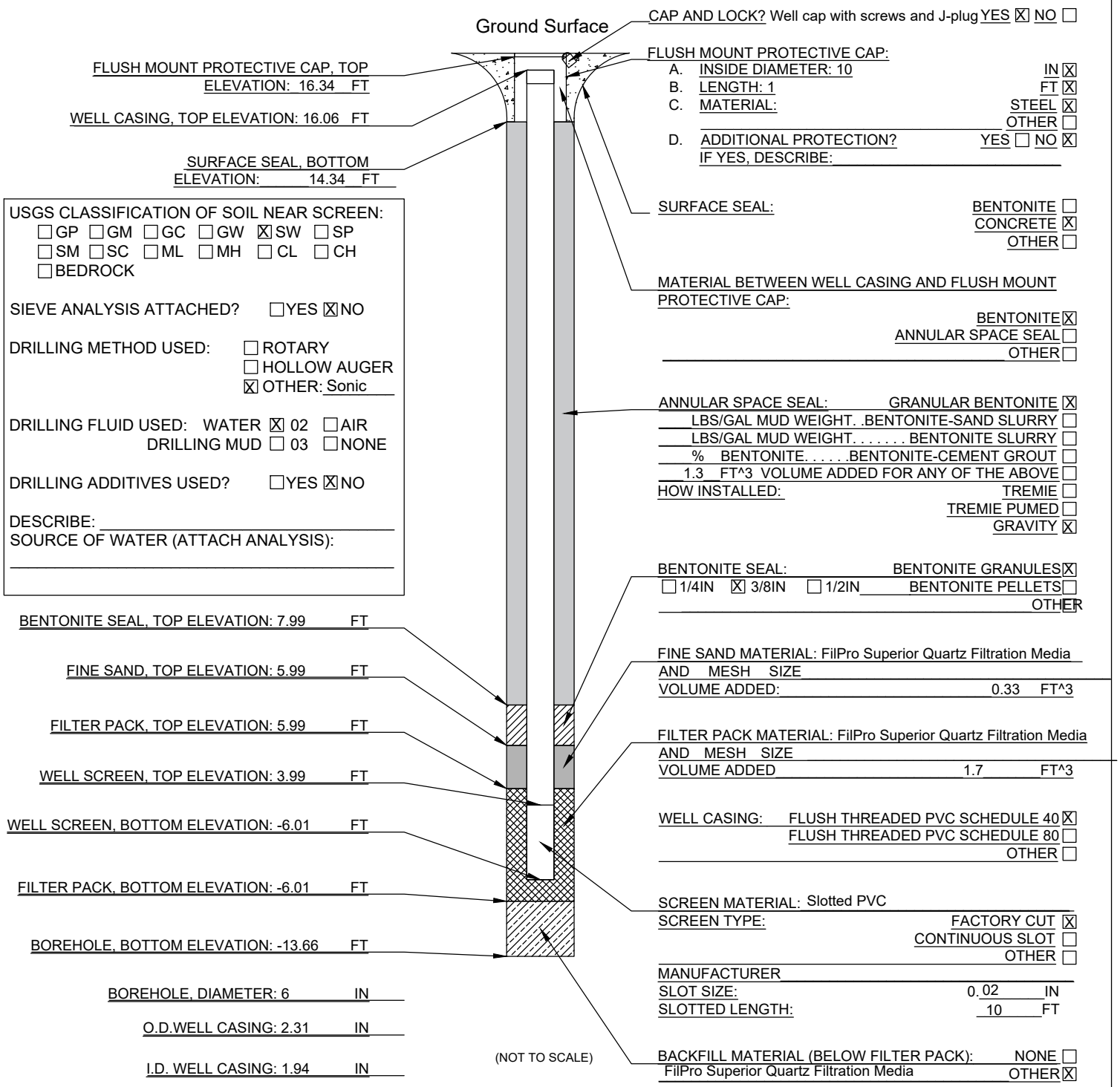
WELL CASING: FLUSH THREADED PVC SCHEDULE 40 ☒
FLUSH THREADED PVC SCHEDULE 80 ☐
OTHER ☐

SCREEN MATERIAL: Slotted PVC
SCREEN TYPE: FACTORY CUT ☒ CONTINUOUS SLOT ☐ OTHER ☐
MANUFACTURER
SLOT SIZE: 0.02 IN
SLOTTED LENGTH: 10 FT

BACKFILL MATERIAL (BELOW FILTER PACK): NONE ☐
FilPro Superior Quartz Filtration Media OTHER ☒

GZA GEOENVIRONMENTAL OF NEW YORK **Well No. MW-02**

Project: 101 E. 150th Street Remedial Investigation	Location: 101 E. 150th St, Bronx, NY	Page 1 of 1		
Project No. 41.0162951.10	Contractor: Cascade ADT	Water Levels		
Surface Elevation: 16.34	Driller: Daniel Johnson	Date	Time	Depth
Top of PVC Casing Elevation: 16.06	GZA Rep: Jackson Bogach	08/29/22	7:32	13.45
Datum: NAVD 88	Date of Completion: 08/24/22			



USGS CLASSIFICATION OF SOIL NEAR SCREEN:
☐ GP ☐ GM ☐ GC ☐ GW ☒ SW ☐ SP
☐ SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH
☐ BEDROCK

SIEVE ANALYSIS ATTACHED? ☐ YES ☒ NO

DRILLING METHOD USED: ☐ ROTARY ☐ HOLLOW AUGER ☒ OTHER: Sonic

DRILLING FLUID USED: WATER ☒ 02 ☐ AIR DRILLING MUD ☐ 03 ☐ NONE

DRILLING ADDITIVES USED? ☐ YES ☒ NO

DESCRIBE:
SOURCE OF WATER (ATTACH ANALYSIS):

CAP AND LOCK? Well cap with screws and J-plug YES ☒ NO ☐

FLUSH MOUNT PROTECTIVE CAP:
A. INSIDE DIAMETER: 10 IN ☒
B. LENGTH: 1 FT ☒
C. MATERIAL: STEEL ☒ OTHER ☐
D. ADDITIONAL PROTECTION? YES ☐ NO ☒
IF YES, DESCRIBE:

SURFACE SEAL: BENTONITE ☐ CONCRETE ☒ OTHER ☐

MATERIAL BETWEEN WELL CASING AND FLUSH MOUNT PROTECTIVE CAP: BENTONITE ☒ ANNULAR SPACE SEAL ☐ OTHER ☐

ANNULAR SPACE SEAL: GRANULAR BENTONITE ☒
LBS/GAL MUD WEIGHT. .BENTONITE-SAND SLURRY ☐
LBS/GAL MUD WEIGHT. . . . . BENTONITE SLURRY ☐
% BENTONITE. . . . . .BENTONITE-CEMENT GROUT ☐
1.3 FT^3 VOLUME ADDED FOR ANY OF THE ABOVE ☐
HOW INSTALLED: TREMIE ☐ TREMIE PUMED ☐ GRAVITY ☒

BENTONITE SEAL: BENTONITE GRANULES ☒
☐ 1/4IN ☒ 3/8IN ☐ 1/2IN BENTONITE PELLETS ☐ OTHER ☐

FINE SAND MATERIAL: FilPro Superior Quartz Filtration Media
AND MESH SIZE
VOLUME ADDED: 0.33 FT^3

FILTER PACK MATERIAL: FilPro Superior Quartz Filtration Media
AND MESH SIZE
VOLUME ADDED 1.7 FT^3

WELL CASING: FLUSH THREADED PVC SCHEDULE 40 ☒ FLUSH THREADED PVC SCHEDULE 80 ☐ OTHER ☐

SCREEN MATERIAL: Slotted PVC
SCREEN TYPE: FACTORY CUT ☒ CONTINUOUS SLOT ☐ OTHER ☐
MANUFACTURER
SLOT SIZE: 0.02 IN
SLOTTED LENGTH: 10 FT

BACKFILL MATERIAL (BELOW FILTER PACK): NONE ☐ FilPro Superior Quartz Filtration Media OTHER ☒

APPENDIX U – ANNUAL GROUNDWATER MONITORING REPORT

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New York, NY 10001
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F: 212.279.8180
www.gza.com

POST-TREATMENT GROUNDWATER MONITORING REPORT

101 East 150th Street
Block 2354, Lot 1
Bronx, New York 10451
BCP Site No. C203154

October 2025
GZA File No. 41.0163097.00

PREPARED FOR:

New York State Department of Environmental Conservation
Region 2 – Division of Environmental Remediation
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101

ON BEHALF OF:

586 RIVER AVE., LLC
95 Pine Street, 6th Floor
New York, NY 10005

PREPARED BY:

GOLDBERG-ZOINO ASSOCIATES OF NEW YORK P.C.
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October 7, 2025
File No. 41.0163097.00

Wendi Zheng
New York State Department of Environmental Conservation
Region 2 – Division of Environmental Remediation
One Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101

Re: Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, NY 10451
Block 2354/Lot 1
BCP Site No. C203154

Dear Ms. Zheng:

On behalf of 586 River Ave., LLC (Participant), GZA GeoEnvironmental of New York (GZA) has prepared this Post-Treatment Groundwater Monitoring Report (Report) associated with the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203154, located at 101 East 150th Street, Bronx, New York (Site).

This report provides a summary of post-treatment groundwater monitoring pursuant to the Interim Remedial Measure (IRM) Work Plans, dated June 14, 2023, October 24, 2023, and January 30, 2024. This report summarizes four (4) quarterly groundwater monitoring events performed as follows:

- 1st Quarter Groundwater Monitoring – July to September 2024
- 2nd Quarter Groundwater Monitoring – October 2024 to December 2024
- 3rd Quarter Groundwater Monitoring – January to March 2025
- 4th Quarter Groundwater Monitoring – April to June 2025

The Remedial Action Work Plan (RAWP) dated May 21, 2025, and Decision Document, dated May 28, 2025, detail the groundwater remedial action objectives (RAOs) and the proposed groundwater monitoring program that will be performed under the Site Management Plan (SMP).

Should you have questions, please do not hesitate to contact Stephen Kline at (646) 929-8905 or stephen.kline@gza.com.

Very truly yours,
GZA GEOENVIRONMENTAL OF NEW YORK

Reinbill Maniquez, CHMM
Senior Project Manager

Stephen M. Kline, P.E.
Principal

CC: Jane O'Connell – New York State Department of Environmental Conservation
Andre Obligado – New York State Department of Environmental Conservation
Richard Gladstone – Success Academy Charter Schools
Phil Karmel – Bryan Cave Leighton Paisner LLP

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1.0 INTRODUCTION

GZA GeoEnvironmental of New York (GZA) presents this Post-Treatment Groundwater Monitoring Report on behalf of 586 River Ave., LLC (Participant) for the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP) project located at 101 East 150th Street in the Bronx, New York (Site). The 101 East 150th Street property was assigned BCP Site No. C203154. The Site location is shown on **Figure 1**.

To evaluate the performance and the effectiveness of the in-situ treatment, groundwater monitoring was performed pursuant to the Interim Remedial Measure (IRM) Work Plans, dated June 14, 2023, October 24, 2023, and January 30, 2024. This Report summarizes the baseline groundwater monitoring results performed during the Remedial Investigation), and the post-treatment groundwater monitoring activities performed as follows:

- Baseline Groundwater Monitoring – October 2, 2023
- 1st Quarter Monitoring Period(July 2024/August 2024/September 2024) – July 31 and August 1, 2024
- 2nd Quarter Monitoring Period (October 2024/November 2024/December 2024) – November 25, 2024
- 3rd Quarter Monitoring Period (January 2025/February 2025/March 2025) – February 26, 2025
- 4th Quarter Monitoring Period (April 2025/May 2025/June 2025) – May 22, 2025

This report is subject to the limitations presented in **Appendix A**.

2.0 SITE INFORMATION

The following information was obtained during previous investigations performed at the Site.

2.1 SITE LOCATION AND DESCRIPTION

The Site is located in at 101 East 150th Street, Bronx County, New York and is identified as Block 2354, Lot 1 on the New York City (NYC) Department of Finance (DOF) Tax Map The Site is 98,973 square feet (SF) or 2.27 acres in size, and is bound to the north by a commercial parking lot, to the east by Gerard Avenue, to the south by East 150th Street, and to the west by River Avenue. A Site Location Plan is provided as **Figure 1**.

The Site Is located in the Lower Concourse neighborhood of Bronx Community District (CD) 4 in an area zoned for light manufacturing (M1-2) and commercial (C2-4 and C4-4) use. A school is a permitted use in this zoning district by special permit granted by the NYC Board of Standards and Appeals (BSA). The BSA granted the required special permit for the school use on March 13, 2023. A site plan that depicts the exiting monitoring well network is attached as **Figure 2**.

2.2 SITE HISTORY

Records from 1891 through the early-1900s, show the Site as athletic fields. By the late-1900s, the Site was used a as lumber storage yard. From the early 1930s until 1950, the Site was used as an athletic field / recreational facility with a club house. In 1952, the building occupying the southern portion of the Site was constructed. The rest of the property was used as athletic fields and then later converted into a parking area for the building. The 2-story building with a basement first used by a shoe factory (National Shoes) as office and warehouse (from 1952 to 1981) and an electronic parts manufacturer (Welbilt Electronic Die Corp/Wedtech) (from 1984 to circa 1990s). By 2001, the property was foreclosed, and ownership was transferred to Marty and Dorothy Silverman Foundation, and eventually donated to the St. Luke's – Roosevelt Hospital Center. The property was then sold to

Gerard Avenue LLC (American Self Storage). In 2003, the NYC DOB granted a change of use of the property's basement and ground floor from electronic part manufacturing to commercial self-storage use; and the change of use of second floor of the property from office spaces to classrooms and instructional spaces. In 2019, the property was sold to 580 Gerard LLC, which continued the self-storage and school operations at the property. On October 20, 2021, the Site basement and ground floor were used by Treasure Island as a self-storage facility, and the second floor is used by the New York City Children's Center. By the end of 2023, the tenants had vacated the building and the building was demolished as part of the redevelopment of the property.

As described in the April 2025 Remedial Investigation Report, an on-site Remedial investigation was performed in 2022 prior to entry into the BCP. Then an Off-site Supplemental Remedial Investigation (SRI) was performed and reported in October 2023, which collected groundwater samples from MW-01, MW-02, MW-13, MW-14, MW-15 and MW-16. This Off-site Supplemental Remedial Investigation provided additional groundwater and soil vapor data to delineate the extent of contaminant concentrations in areas directly upgradient (i.e., from 580 Gerard Avenue) and downgradient (i.e., along River Avenue towards the Gateway Center, Bronx Terminal Market) of observed impacts on the Site. In April 2024, three additional monitoring wells (MW-17, MW-18, and MW-19) were installed to provide supplemental groundwater and to evaluate the extent of elevated concentrations of chlorinated volatile organic compounds (VOCs) that were identified in the Off-site SRI conducted in October 2023.

During the various phases of the remedial investigation, the permanent monitoring wells were developed using a submersible pump fine materials generated during well installation activities. The groundwater was pumped until it was either nearly free of turbidity (i.e., <20 NTU), or until 5 well volumes were removed, whichever occurred first. The monitoring well screen and bottom elevations are detailed in **Table 1**. The monitoring well construction details are shown in **Appendix B.**

2.3 REMEDIAL HISTORY

2.3.1 Interim Remedial Measure (IRM) - June 2023

On June 14, 2023, GZA developed an Interim Remedial Measures (IRM) Work Plan that outlined the remedial activities that were implemented during the construction earthwork activities at the northern portion of the Site (i.e., the parking lot area north of the old building). NYSDEC-approved the IRM Work Plan on June 28, 2023. Implementation of the IRM began in July 2023 and remedial excavation of the northern portion of the Site continued until November 3, 2023. The former Site building was vacated and demolished by December 2023.

The June 2023 IRM consisted of the following:

1. Site mobilization involving Site security set-up, equipment mobilization, utility markouts, marking/staking excavation areas, and elevation control points.
2. Implementation of stormwater pollution prevention measures in compliance with the Site-specific Stormwater Pollution Prevention Plan (SWPPP) and applicable laws and regulations.
3. Implementation of a site-specific Health and Safety Plan (HASP) and performance of a Community Air Monitoring Program (CAMP) for particulates and volatile organic compounds.
4. The IRM Remedial Excavation was performed at proposed excavation limits for the proposed new building foundation which includes:
    - Remedial excavation down to 2 feet (ft) below ground surface (bgs) across the entire Site.

- Supplemental Remedial Excavation areas down to 5 ft bgs and 7 ft bgs where chlorinated VOCs (cVOCs) were identified during the RI above Protection of Groundwater SCOs (PGSCOs) within the redevelopment excavations.
- Supplemental Remedial Excavation down to 10 ft bgs (i.e., around SB-23) where petroleum-related VOCs were identified during RI above PGSCOs.

5. Documentation endpoint samples were collected as follows:
   - For remedial excavations confirmatory endpoint samples were collected at a frequency of one sample per 2,500 square feet of excavation bottom in beneath the 2-foot deep, site-wide remedial excavation area.
   - In the supplemental remedial excavation areas where cVOCs were a contaminant of concern, endpoint documentation samples were collected at the bottom of the excavation at a frequency of one sample per every 900 square feet and sidewall samples at a frequency of one every 30 linear feet of sidewall (with a minimum of one sample per sidewall).
   - In the supplemental remedial excavation areas where petroleum-related VOCs were a contaminant of concern, five endpoint documentation samples were collected at the bottom of the excavation at a frequency of one sample per every 900 square feet and sidewall samples at a frequency of one sample every 30 linear feet of sidewall (with a minimum of one sample per sidewall).
   - Thirty-nine (39) endpoint sample locations (designated EP-01 through EP-39) were collected in the former northern parking area. At six (6) endpoint sample locations (EP-9A, EP-15A, EP-17A, EP-17B, EP-21A, and EP-22A), the remedial excavation was extended either deeper, or laterally in order to remove additional soil to reach Restricted Residential or Protection of Groundwater SCOs for the cVOCs and petroleum-related VOCs areas identified during the RI. Only one endpoint sample location (EP-25) exceeded PGSCO at 5.6 mg/kg (PGSCO is 3.6 mg/kg) for 1,2,4-Trimethylbenzene at the sidewall of an area at the groundwater table. The EP-25 area was subsequently addressed by the direct application of *in-situ* groundwater treatment.
6. Management of excavated materials included temporarily stockpiling and segregating materials in accordance with defined material types and to limit comingling of contaminated material and non-contaminated.
7. Importation of fill that meets the requirements of 6 NYCRR § 375-6.7(d), and the established Track 4 SCOs.
8. Transportation and off-Site disposal of Site soil at permitted facilities in accordance with applicable state and federal requirements for handling, transport, and disposal. of Site soil at permitted facilities in accordance with applicable state and federal requirements for handling, transport, and disposal.
9. Performance of activities required for the IRM, including permitting as and to the extent required by applicable laws and regulations.
10. Daily and Monthly field reports to the NYSDEC and the New York State Department of Health (NYSDOH) were submitted during the IRM activities.
11. Dewatering activities were performed by the building contractor with a sewer discharge permit approved by the New York City Department of Environmental Protection (NYCDEP).

12. Installation of the Site cover for the IRM excavation areas in the form an engineered composite cover consisting of the building slab, exterior paved areas, and landscaped areas with at least 24 inches of clean fill on the outside of the building areas. The engineering controls to address residual contamination remaining at the Site were incorporated into the construction of the new building in the IRM Area, including the SSDS components.

13. Implementation for source areas not excavated below the water table was addressed by the application of *in-situ* groundwater treatment (e.g., direct application of RegenOx®) prior to backfilling. To further aid the degradation of the petroleum and chlorinated solvent constituents in the soil and groundwater, GZA used RegenOx® in-situ remediation technology produced by Regenesis. RegenOx® is a remediation fluid designed to chemically oxidize contaminants upon contact. RegenOx® is comprised of two products: Part A is a percarbonate oxidizer complex powder; and Part B is the activator complex gel. The product maximizes in situ chemical oxidation (ISCO) which generates a suite of free radical compounds which in turn oxidize recalcitrant contaminants. RegenOx® rapidly and effectively breaks down a range of target contaminants including petroleum hydrocarbons and chlorinated compounds.

2.3.2 Supplemental IRM – October 2023

GZA developed the Supplemental IRM Work Plan (SIRM) to provide details on additional remedial activities implemented during the construction of the new building foundation in the IRM work area. The Supplemental IRM Work Plan provided further details on the contingency measure discussed in the IRM Work Plan to be implemented if volatile organic compound source area contamination is observed in the remedial excavation areas below the water table during the IRM (i.e., direct application of RegenOx).

The October 2023 SIRM consisted of the following:

1. Continued to remedy source area soil contamination not excavated below the water table by the application of *in-situ* treatment (e.g., direct application of RegenOx®) in the IRM Area prior to backfilling. Three areas were treated during the Supplemental IRM in the northern parking area to address sampling areas identified above Restricted Residential or Protection of Groundwater SCOs for the cVOCs and petroleum-related VOCs identified during the RI (around SB/MW-04, SB/MW-06, and SB-23).

2. The final site cover for the IRM excavation areas were in the form an engineered composite cover consisting of the building slab, exterior paved areas, and landscaped areas with at least 24 inches of clean fill on the outside of the building areas. The engineering controls will be employed in the IRM Area to address residual contamination remaining at the Site will be incorporated into the construction of the new building in the IRM Area, including the proposed SSDS components. We note that the final site cover will be completely installed during the RAWP implementation.

3. Performance of post-treatment groundwater monitoring approximately four to six weeks after the field application, to assess the initial response and effectiveness of the RegenOx ® treatment. The post-treatment monitoring will consist of a full round of depth to water and depth to light non-aqueous phase liquid (LNAPL) (if any) gauging using an oil/water interface probe at six permanent monitoring wells installed at the adjacent sidewalks (i.e., MW-1, MW-2, MW-13, MW-14, MW-15, and MW-16) One representative groundwater sample will be collected from the three downgradient wells (MW-2, MW-15, and MW-16) and one upgradient well (MW-14). The samples will be submitted for analysis to a New York State Environmental Laboratory Approval Program (ELAP) – certified laboratory for analysis for the following:

- Target Compound List (TCL) VOC by EPA Method 8260;
- TCL Semi-volatile Organic Compounds (SVOCs) by EPA Method 8270;
- Total and dissolved Target Analyte List (TAL) Metals by EPA Method 6010C/6020/7471B;
- Total Cyanide by EPA method 9010/9012; and
- Mercury by EPA method 7471.

2.3.3 Southern Supplemental IRM – January 2024

On January 30, 2024, GZA developed a Southern SIRM Work Plan that continued the remedial activities at the southern portion of the Site, following the demolition of the old building. The NYSDEC approved the SIRM Work Plan on February 28, 2024. The Southern SIRM consisted of the following:

1. Site mobilization involving Site security set-up, equipment mobilization, utility markouts, marking/staking excavation areas, and elevation control points.
2. Implementation of stormwater pollution prevention measures in compliance with the Site-specific SWPPP and applicable laws and regulations.
3. Performance of CAMP for particulates and volatile organic compounds.
4. The Southern SIRM Remedial Excavation was performed at proposed southern limits of excavation (i.e., from the previously approved Northern IRM Area to southern site boundary) for the new building foundation. The Southern SIRM Remedial Excavation included the following:

- Remedial excavation down to 2 ft bgs across the proposed southern limits of excavation.
- Supplemental remedial excavation areas down to between 5 ft bgs and 7 ft bgs where cVOCs were identified during the RI above PGSCOs near at locations SB-03 and SB-14.

The Southern SIRM Remedial Excavation generated approximately 4,100 CY of excavated material.

5. Thirty (30) endpoint samples (EP-40 through EP-69) were collected during the Southern SIRM, as follows:
    - For remedial excavations confirmatory endpoint samples (EP-40 to EP-57) were collected at a frequency of one sample per 2,500 square feet of excavation bottom in beneath the 2-foot deep, southern remedial excavation areas.
    - In the supplemental remedial excavation areas where cVOCs were a contaminant of concern, endpoint documentation samples (EP-58 to EP-63 and EP-64 to EP-69) were collected at the bottom of the excavation at a frequency of one sample per every 900 square feet and sidewall samples at a frequency of one every 30 linear feet of sidewall (with a minimum of one sample per sidewall). At one (1) endpoint sample location (EP-60A), the remedial excavation was extended deeper to remove additional soil to reach PWSCOs for the cVOCs area identified during the RI.
6. Management of excavated materials was conducted and included temporarily stockpiling and segregating materials in accordance with defined material types and limited comingling of contaminated material and non-contaminated. Excavated materials were not stockpiled for greater than 30 days from date of accumulation prior to transportation off-site.
7. Transportation and off-Site disposal of approximately 4,100 CY of Site soil at permitted facilities in accordance with applicable state and federal requirements for handling, transport, and disposal.

8. Importation of fill that meets the requirements of 6 NYCRR § 375-6.7(d), and the established Track 4 SCOs.

9. Performance of activities required for the Southern SIRM, including permitting as and to the extent required by applicable laws and regulations.

10. Daily and Monthly field reports to the NYSDEC and the NYSDOH were submitted during the Southern SIRM activities.

11. A contingency plan to dewater excavation areas below the water table. Dewatering activities were performed by the building contractor with a sewer discharge permit approved by the NYCDEP. All dewatering fluids were treated prior to disposal.

12. A contingency plan to remedy source area soil contamination not excavated below the water table was implemented by the application of in-situ groundwater treatment by direct application of RegenOx® at a fourth in-situ treatment area prior to backfilling (i.e., around SB/MW-03).

13. The post-treatment monitoring will be conducted in October 2024, approximately four to six weeks after the field application, to assess the initial response and effectiveness of the RegenOx ® treatment. The post-treatment monitoring will consist of a full round of depth to water and depth to LNAPL (if any) gauging using an oil/water interface probe and the collection of groundwater samples for laboratory analyses at six permanent monitoring wells installed at the adjacent sidewalks (i.e., MW-2, MW-14, MW-15, MW-16, MW-17, and MW-18). The wells will be gauged, and the gauging data will be used to generate groundwater contour maps from which GZA will infer groundwater flow direction at the Site.

The final site cover for the Southern SIRM excavation areas was in the form an engineered composite cover consisting of the building slab, exterior paved areas, and landscaped areas with at least 24 inches of clean fill on the outside of the building areas.

2.4 SUMMARY OF IN-SITU TREATMENT

As required by the IRMs for the Site, when endpoint documentation sampling results did not confirm the effective removal of VOC source area contamination, and the VOC source area soil contamination was not excavated below the water table, then the VOC source area was addressed by the application of in-situ treatment at water table excavation areas using a direct application of RegenOx®, a bioremediation product designed to chemically oxidize contaminants upon contact.

RegenOx® is a remediation amendment designed by Regenesis Bioremediation Products of San Clemente, California to chemically oxidize contaminants upon contact. RegenOx® is comprised of two products: Part A is a percarbonate oxidizer complex powder; and Part B is the activator complex gel. The product is designed as a multiphase ISCO reaction by generating a suite of free radical compounds which in turn oxidize recalcitrant contaminants. RegenOx® was selected due to its ability to rapidly and effectively break down the Site's constituents of potential concern (COPCs) including petroleum hydrocarbons and chlorinated compounds.

The RegenOx® material was directly applied into the in-situ treatment areas by an excavator. Each 20-ft by 20-ft (400 SF) area was treated was centered on a sampling point location, which either exceeded PGSCOs in the confirmatory endpoint samples during the IRM, or reported elevated COPC groundwater concentrations during the RI. The four areas where groundwater VOC source areas were first excavated to the water table and then

treated at the saturated zone. Then, the excavator was used to "rake " the bottom of the excavation to evenly spread the RegenOx® across the in-situ treatment area.

A total of 3,600 pounds (lbs.) of Part A and 3,600lbs. of Part B were added to the four groundwater VOC source area excavations prior to backfilling the excavations for redevelopment.

- On November 15, 2023, 720 lbs. of RegenOx® Part A and 720 lbs. of RegenOx® Part B were applied at the endpoint sample EP-13 location (i.e., the former RI soil boring SB/MW-06 location).
- On December 21, 2023, 720 lbs. of RegenOx® Part A and 720 lbs. of RegenOx® Part B were applied at the endpoint sample EP-21 location (i.e., the former RI soil boring SB-23 location).
- On January 26, 2024, 1,440 lbs. of RegenOx® Part A and 1,440 lbs. of RegenOx® Part B were applied at the endpoint sample EP-38 location (i.e., the former RI soil boring SB/MW-04 location)
- On April 19, 2024, 720 lbs. of RegenOx® Part A and 720 lbs. of RegenOx® Part B were applied at the endpoint sample EP-62 location (i.e., the former RI soil boring SB/MW-03 location)

The excavation contractor directly flushed the equipment handling the RegenOx® with clean water at the completion of the application. The RegenOx® is anticipated to continue to remediate dissolved petroleum constituents and chlorinated solvents as it moves along the water table in the subsurface. **Figure 2** depicts these four RegenOx® application locations.

3.0 ENVIRONMENTAL SETTING

The following subsections provide information regarding the general physiographic, hydrologic, and soil conditions in the area of the Site.

3.1 REGIONAL PHYSIOGRAPHY

The topographic survey provided to GZA showed that the Site elevation (EL.) ranges from EL +7.79 feet (ft) to EL +27.4 ft above the North American Vertical Datum for mean seal level established 1988 (NAVD88). The former Site building is at the lowest elevation, at approximately 7.79 ft. The higher elevation in the former parking lot area is at the northernmost portion of the Site at EL +13.28 ft. The Site elevation rises steeply up from the parking lot area to the adjacent sidewalks with a high elevation of EL +27.4 ft located on the northeastern corner of the Site as shown on **Figure 1**.

3.2 SOIL AND BEDROCK CONDITIONS

According to the USGS Bedrock Geologic Maps of Bronx County (Charles Baskerville, 1992), Bronx County is underlain by high grade metamorphic bedrock consisting of a sequence of Cambrian and Ordovician gneiss, schistose-gneiss, and marble. The bedrock at the Site is mapped as the Hartland Schist Formation and is exposed at the ground surface in the vicinity of the Site. This formation typically consists of gray biotite-muscovite quartz schist. The bedrock is typically overlain by a thin layer (5 to 15 feet) of Pleistocene glacial till.

Bedrock was observed during GZA's Geotechnical Investigation in April 2022 and was encountered at 6 borings below the decomposed rock at EL -76.4 ft and EL -29.4 ft. In two borings the bedrock was observed to consist of hard, freshly weathered, slightly fractured, fine to medium-grained Schist, with closely spaced, horizontal to sub-horizontal, smooth joints/fractures. The bedrock elevations vary significantly and erratically across the Site. The surficial soil at the Site consists of historic fill material (construction and demolition debris mixed with sand, gravel, rock, and cinders), which overlies upper and lower sand, silt/clay, decomposed rock, and bedrock. The historic fill

ranges in thickness from EL +0.5 and +9.0 feet, upper sand ranges in thickness from EL -8.1 and -23.5 feet, Silt/Clay ranges in thickness from EL -18.1 and -56.5 feet, lower sand ranges in thickness from EL -33.8 and -59.7 feet, and decomposed rock ranges in thickness from EL -23.5 and -93.5 feet.

4.0 GROUNDWATER MONITORING BASELINE RESULTS

Results September 2022 groundwater gauging and October 2023 groundwater sampling (prior to the in-situ treatment) were used as a baseline for comparison of the post-treatment monitoring well events.

4.1 GROUNDWATER BASELINE ELEVATION

Prior to the IRM Activities, GZA performed a groundwater gauging event using the on-Site wells on September 15, 2022. During this groundwater gauging event, depth to groundwater ranges were observed from 8.7 ft to 9.7 ft below top of casing (BTOC - EL +3.13 to EL +2.53 ft) in the former parking lot area and 13.16 and 20.66 ft bgs (EL +3.27 and EL +2.90 ft) within the 2 wells on the adjacent sidewalks. The groundwater elevation data shows that groundwater flows generally from east to west across the Site, towards the Harlem River. The following table summarizes the depth to water table readings and calculated groundwater elevations. See **Figure 3** for the Baseline groundwater levels reported in the Remedial Investigation Report. The data from this baseline groundwater elevation were utilized for the subsequent permanent monitoring well installations.

September 2022 Groundwater Baseline Elevations

Well ID	Well Diameter (inches)	Total Depth (feet)[1]	Well Screen Interval (feet)	Ground Elevation	TOC Elevation[2] (feet)	Depth to Water, BTOC[3] (feet)	Groundwater Elevation[4] (feet)
LBc-2 (OW)	2	25.0	15.0-25.0	12.02	11.81	8.68	3.13
MW-01	2	28.0	18.0-28.0	24.37	23.93	20.66	3.27
MW-02	2	22.4	12.4-22.4	16.34	16.06	13.16	2.90
MW-03	2	15.0	5.0-15.0	10.86	9.84	7.29	2.55
MW-04	2	15.5	5.5-15.5	12.63	12.25	9.72	2.53
MW-05	2	15.5	5.5-15.5	12.80	12.46	9.90	2.56
MW-06	2	15.9	5.9-15.9	11.75	11.39	8.65	2.74
MW-07	2	16.1	6.1-16.1	12.14	11.41	8.47	2.94
MW-08	2	16.7	6.7-16.7	12.01	11.74	8.93	2.81

Table Notes:
1. Termination depth
2. TOC – Top of casing
3. BTOC – Below top of casing
4. Elevations are based upon NAVD88

4.2 BASELINE GROUNDWATER MONITORING RESULTS – OCTOBER 2023

The October 2023 groundwater analytical results were compared to New York State Class GA standards and guidance values listed in NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 ("Class GA Values") Ambient Water Quality Standards (AWQS). Per- and Polyfluoroalkyl Substances (PFAS) results were compared to Guidance for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs April 2023.

VOCs

- Petroleum-related VOCs, i.e., 1,2,4,5-tetramethylbenzene (max. 74 ug/L), 1,2,4-trimethylbenzene (max. 360 ug/L), 1,3,5-trimethylbenzene (max. 53 ug/L), ethylbenzene (max. 34 ug/L) , isopropylbenzene (max. 31 ug/L), naphthalene (max. 66 ug/L), n-butylbenzene (max. 9.5 ug/L), n-propylbenzene (max. 67 ug/L), o-xylene (max. 80 ug/L), and p/m-xylene (max. 110 ug/L), and sec-butylbenzene (max. 10 ug/L) were detected above AWQS

of 5 ug/L in groundwater samples collected upgradient of the Site (at MW-13 and MW-14 located on the Gerard Avenue sidewalk locations).

- Concentrations of cVOCs 1,1,1-trichloroethane (max. 16 ug/L), 1,1-dichloroethane (max. 16 ug/L), cis-1,2-Dichloroethene (cis-1,2-DCE) (max. 61 ug/L), and trichloroethylene (TCE) (max. 52 ug/L) exceeded AWQS (5 ug/L) in one sample collected downgradient of the Site (at MW-15 located on the River Avenue sidewalk). Chloroform (max. 8 ug/L) was detected above AWQS (7 ug/L) in sample collected from an upgradient well (at MW-01 located on the Gerard Avenue sidewalk).

SVOCs

- Polycyclic aromatic hydrocarbons (PAHs), specifically, benzo(a)anthracene (max. 0.07 ug/L) was reported at a concentration above AWQS (0.002 ug/L) in five groundwater samples. In one sample collected upgradient of the Site (at MW-14, located on the Gerard Avenue sidewalk location), benzo(a)pyrene (max. 0.02 ug/L), benzo(b)fluoranthene (max. 0.03 ug/L), benzo(k)fluoranthene (max. 0.01 ug/L), chrysene (max. 0.08 ug/L), naphthalene (max. 19 ug/L) were detected at concentrations above AWQS (10 ug/L for naphthalene and 0.002 ug/L for benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene).

Metals

- Total and dissolved metals specifically iron, magnesium, manganese, and sodium were detected above AWQS (300 ug/L for iron, 35,000 ug/L for magnesium, 300 ug/L for manganese, 20,000 ug/L for sodium) in groundwater samples. Total iron (max. 25,600 ug/L), total magnesium (max. 50,900 ug/L), total manganese (max. 20,450 ug/L), and total sodium (max. 363,000 ug/L) were detected above AWQS. Dissolved iron (max. 24,100 ug/L), dissolved magnesium (max. 55,400), dissolved manganese (max. 19,730), and dissolved sodium (max. 384,000 ug/L) were detected above AWQS.

Pesticides, Herbicides, and Polychlorinated Biphenyls

- Pesticides, herbicides, and PCBs were either below detection limits or were detected below AWQS.

PFAS

- Due to the low-level background concentrations of detected during the RI sampling, PFAS were not considered COPCs for the groundwater monitoring program

The baseline groundwater analytical results are summarized in **Tables 2 to 6**. **Figure 4** shows the sample locations and spider diagrams summarizing the exceedances to AWQS, and PFAS Under NYSDEC's Part 375 Remedial Programs April 2023.

5.0 POST-TREATMENT GROUNDWATER MONITORING PROGRAM

GZA developed this Groundwater Monitoring program in accordance with the NYSDEC-approved IRM Work Plans and the NYSDEC Division of Environmental Remediation (DER-10) Technical Guidance for Site Investigation and Remediation. The goal of the Groundwater Monitoring Program was to assess the efficacy of remedial efforts

performed at the Site, to document compliance with applicable cleanup goals and water quality standards, and to evaluate the remaining contamination and its implications for future remedial efforts.

As indicated in the Southern SIRM, the Post-Treatment Groundwater Monitoring Program was performed quarterly and included the gauging of permanent monitoring wells for the presence of LNAPL and the collection and analysis of samples for VOCs, SVOCs, and Total and Dissolved Metals.

5.1 MONITORING WELL SURVEY AND GROUNDWATER GAUGING

On August 26, 2024, the permanent monitoring wells were surveyed by Montrose Surveying Co., LLP of Richmond Hill, NY. The monitoring well survey map is included in **Appendix C**. A site plan depicting the monitoring well locations is presented in **Figure 2**.

Groundwater level measurements were recorded at each of the wells to evaluate groundwater flow direction and the presence of LNAPL. Monitoring wells were gauged, and groundwater level measurements were collected using an oil/water interface probe.

Based on the depth-to-water measurements and the surveyed top of well casing, On September 24, 2024, November 25, 2024, February 26, 2025, and May 22, 2025, GZA field personnel performed monitoring well gauging at monitoring wells MW-01, MW-02, MW-14, MW-15, MW-16, MW-17, MW-18 and MW-19. Monitoring well MW-02 was inaccessible during the 2nd Quarter and 4th Quarter events and monitoring well MW-18 was inaccessible during the 4th Quarter event.

5.2 GROUNDWATER SAMPLING

Prior to sampling, the monitoring wells were purged using low-flow sampling techniques, in accordance with United States Environmental Protection Agency (USEPA) Ground Water Issue Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, dated April 1996, using dedicated tubing. Water quality parameters, including dissolved oxygen, pH, temperature, and conductivity, were measured during purging to identify when the aquifer stabilized, and when a representative sample could be collected.

During each sampling event, one representative groundwater sample was collected from one upgradient monitoring well (MW-14) and from each of the downgradient monitoring wells (MW-02, MW-15, MW-16, MW-17, and MW-18). Note that upgradient wells MW-01 and MW-13 were only utilized for gauging and not sampling while monitoring well MW-19 was only sampled during the 1st Quarter event on September 24, 2024. MW-02 was inaccessible during the 2nd Quarter sampling event. MW-02 and MW-18 were inaccessible during the 4th Quarter sampling event.

Each monitoring well was sampled using a peristaltic pump and dedicated polyethylene tubing, using USEPA low-flow sampling techniques. Groundwater sampling logs are presented in **Appendix D**. Sampling was conducted in accordance with NYSDEC DER-10. Groundwater samples were collected and transferred to laboratory-supplied glassware.

The post-treatment groundwater samples were submitted for analysis to a New York State Environmental Laboratory Approval Program (ELAP) – certified laboratory for analysis for the following:

- TCL VOCs by EPA Method 8260;
- TCL SVOC by EPA Method 8270;
- Total and Dissolved TAL Metals by EPA Method 6010C/6020/7471B;
- Total Cyanide by EPA method 9010/9012; and
- Mercury by EPA method 7471;

The groundwater samples were placed in a dedicated cooler, kept on ice, and shipped under chain of custody procedures to the laboratory. GZA collected a trip blank, a blind duplicate sample, and an equipment blank Quality Assurance/Quality Control (QA/QC) sample during each sampling event. The Laboratory Analytical Data Reports are attached as **Appendix E.**

The purge water generated during sampling events was containerized in 55-gallon drums and staged on-Site, pending off-Site disposal at an approved waste disposal facility. A non-hazardous waste manifest for purge water disposed at an approved facility is attached as **Appendix F**.

6.0 RESULTS

Upon completion of the monitoring well installation the wells were then gauged, and groundwater samples were collected during the four (4) Quarterly Groundwater Monitoring events.

6.1 GROUNDWATER GAUGING RESULTS

The monitoring well gauging data gathered during the gauging event was used to generate groundwater contour maps. Based on the depth-to-water measurements and the surveyed top of well casing, water table elevations were calculated and are presented in **Table 1**.

6.1.1 1st Quarter Monitoring Event – July to September 2024

On September 24, 2024, GZA performed a synoptic groundwater measurement at the existing monitoring wells. During this groundwater gauging event, depth to groundwater ranges from 14.45 ft to 20.73 ft below top of casing BTOC corresponding to EL +2.39 ft to EL +4.68 ft. The groundwater elevation data is consistent with measurements from the RI that show groundwater flowing generally from east to west across the Site, towards the Harlem River. **Table 1** summarizes the depth to water table readings and calculated groundwater elevations. None of the wells show measurable LNAPL. The groundwater elevation data shows that groundwater flows generally from east to west across the Site, towards the Harlem River. The groundwater contours inferred from this monitoring well gauging event is included as **Figure 3A**.

6.1.2 2nd Quarter Groundwater Monitoring Event – October 2024 to December 2024

On November 25, 2024, GZA field personnel performed monitoring well gauging of MW-01, MW-14, MW-15, MW-16, MW-17, MW-18, and MW-19. Two of the wells were inaccessible during the gauging event. MW-02 was inaccessible due to the placement of the crane for the building construction.

During this groundwater gauging event, depth to groundwater ranges from 15.12 ft to 21.53 ft below top of casing BTOC corresponding to EL +1.77 ft to EL +3.62 ft. **Table 1** summarizes the depth to water table readings and calculated groundwater elevations. None of the wells show measurable LNAPL. The groundwater elevation data

shows that groundwater flows generally from east to west across the Site, towards the Harlem River. The groundwater contours inferred from these monitoring well gauging event is included as **Figure 3B**.

6.1.3 3rd Quarter Groundwater Monitoring Event – January 2025 to March 2025

On February 26, 2025, GZA field personnel performed monitoring well gauging of MW-01, MW-02, MW-14, MW-15, MW-16, MW-17, MW-18, and MW-19. During this groundwater gauging event, depth to groundwater ranges from 15.00 ft to 21.55 ft below top of casing BTOC corresponding to EL +2.19 ft to EL +3.81 ft. **Table 1** summarizes the depth to water table readings and calculated groundwater elevations. None of the wells show measurable LNAPL. The groundwater elevation data shows that groundwater flows generally from east to west across the Site, towards the Harlem River. The groundwater contours inferred from this monitoring well gauging event is included as **Figure 3C.**

6.1.4 4th Quarter Groundwater Monitoring Event - April 2025 to June 2025

On May 22, 2025, GZA field personnel performed monitoring well gauging of MW-01, MW-14, MW-15, MW-16, MW-17, MW-18, and MW-19. During this groundwater gauging event, depth to groundwater ranges from 14.52 ft to 26.55 ft below top of casing BTOC corresponding to EL +3.07 ft to EL +4.76 ft. MW-02 and MW-18 were inaccessible due to on-going construction of the building façade. **Table 1** summarizes the depth to water table readings and calculated groundwater elevations. None of the wells show measurable LNAPL. The groundwater elevation data shows that groundwater flows generally from east to west across the Site, towards the Harlem River. The groundwater contours inferred from this monitoring well gauging event is included as **Figure 3D**.

6.2 GROUNDWATER SAMPLING RESULTS

The New York State Class GA standards and guidance values listed in NYSDEC TOGS 1.1.1 ("Class GA Values") AWQS were used to evaluate the groundwater data.

6.2.1 1st Quarter Groundwater Monitoring Results – July to September 2024

VOCs

- Petroleum-related VOCs (i.e., 1,2,4,5-tetramethylbenzene [at a maximum concentration {max.} of 30 micrograms per liter {ug/L}], 1,2,4-trimethylbenzene [max. of 130 ug/L], ethylbenzene[max. of 160 ug/L], isopropylbenzene[max. of 56 ug/L], n-butylbenzene[max. of 9.1 ug/L], n-propylbenzene[max. of 75 ug/L], naphthalene [max. of 27 ug/L], o-xylene [max. of 30ug/L], p-isopropyltoluene [max. of 28 ug/L], sec-butylbenzene[max. of 7.5 ug/L]) were detected above AWQS of 5 ug/L in groundwater samples collected upgradient (MW-14) and downgradient of the Site (at MW-15, MW-17, and MW-18) of the Site. Petroleum-related VOCs were not detected in the monitoring well on the west side of River Avenue across the street from the Site (MW-19).

- Concentrations of cVOCs, specifically 1,1,1-trichloroethane [max. of 6.1 ug/L], cis-1,2-DCE [max. of 11 ug/L], and TCE [max. of 20 ug/L] exceeded AWQS of 5 ug/L in one sample collected downgradient of the Site at MW-17. In addition, cVOCs were not detected in the monitoring well MW-19 located on the west of River Avenue, across the street from the Site.

SVOCs

- PAHs, specifically benzo(a)anthracene[max. of 0.04 ug/L], benzo(a)pyrene [max of 0.04 ug/L], and benzo(b)fluoranthene [max. of 0.05 ug/L] were reported in two samples; one upgradient (at MW-14 on the Gerard Avenue sidewalk) and one downgradient (at MW-02 on the River Avenue sidewalk) of the Site. Chrysene [max. of 0.03 ug/L] was reported in one sample downgradient of the Site (at MW-02 on the River Avenue sidewalk). Naphthalene [max. of 10 ug/L] was reported in one sample downgradient of the Site (at MW-17 on the east of the River Avenue sidewalk immediately adjacent to the Site). Phenol [max. of 1.7 ug/L] was reported in two samples downgradient of the Site (at MW-15 and MW-16 on the east of the River Avenue sidewalk, immediately adjacent to the Site) in comparison with the AWQS values of 10 ug/L for naphthalene and 0.002 ug/L for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and chrysene). SVOCs were not detected in the downgradient monitoring well (MW-19) across River Avenue.

Metals

- Total metals, specifically total manganese [max. of 5,521 ug/L] and total sodium [max. of 424,000 ug/L] were detected above AWQS in all groundwater samples. Total iron [max. of 13,500 ug/L] and total magnesium [max. of 46,000 ug/L] were detected above AWQS in some samples.

- Dissolved metals, specifically dissolved manganese (max. of 5,764 ug/L) and dissolved sodium [max. of 460,000 ug/L] were detected above AWQS in all groundwater samples. Dissolved iron [max. of 1,170 ug/L] and dissolved magnesium [max. of 46,400 ug/L] were detected above AWQS in some samples.

The analytical results are summarized in **Table 2 through Table 4**. **Figure 4A** shows the sample locations and spider diagrams summarizing the exceedances to AWQS. The laboratory reports are provided in **Appendix E**

6.2.2 2nd Quarter Groundwater Monitoring Results – October 2024 to December 2024

VOCs

- Petroleum-related VOCs, 1,2,4,5-tetramethylbenzene (max. of 84 ug/L), 1,2,4-trimethylbenzene (max. of 690 ug/L), ethylbenzene (max. of 260 ug/L), isopropylbenzene (max. of 76 ug/L), n-butylbenzene (max. of 16 ug/L), n-propylbenzene (max. of 110 ug/L), naphthalene (max. of 180 ug/L), o- xylene (max. of 120 ug/L), and p/m-xylene (max. of 37 ug/L), and sec-butylbenzene (max. of 10 ug/L) were detected above AWQS the upgradient well MW-14 and downgradient wells MW-15, MW-17, and MW-18. Petroleum-related VOCs were not detected at concentrations above their respective AWQS in MW-16.

- Concentrations of cVOCs, specifically TCE (max. of 11 ug/L) exceeded AWQS in one sample from downgradient well MW-17.

SVOCs

- Naphthalene [max. of 87 ug/L] was detected at concentration above AWQS in two downgradient samples (at MW-15 and MW-18).

- Except for naphthalene, other SVOCs were either below detection limits or below AWQS from all the monitoring wells.

Metals

- Total metals, specifically total manganese [max. of 3,422 ug/L] and total sodium [max. of 196,000 ug/L] were detected above AWQS in all groundwater samples. Total iron [max. of 10,100 ug/L] was detected above AWQS all samples except MW-16.

- Dissolved metals, specifically dissolved manganese (max. of 2,743 ug/L) and dissolved sodium [max. of 169,000 ug/L] were detected above AWQS in all groundwater samples. Dissolved iron [max. of 466 ug/L] was detected above AWQS in one sample MW-18.

The analytical results are summarized in **Table 2 through Table 4**. **Figure 4B** shows the sample locations and spider diagrams summarizing the exceedances to AWQS. The laboratory reports are provided in **Appendix E.**

6.2.3 3rd Quarter Groundwater Monitoring Results – January 2025 to March 2025

VOCs

- Petroleum-related VOCs were detected above AWQS at the upgradient well (MW-14) and the downgradient wells (MW-15 and MW-18) specifically, 1,2,4,5-tetramethylbenzene (max. of 80 ug/L), ethylbenzene (max. of 85 ug/L), isopropylbenzene (max. of 54 ug/L), n-butylbenzene (max. of 12 ug/L), n-propylbenzene (max. of 110 ug/L), and sec-butylbenzene (max of 14 ug/L). 1,2,4-trimethylbenzene (at 500 ug/L), naphthalene (at 16 ug/L), and o- xylene (at 13 ug/L) were detected above AWQS in the upgradient well MW-14 only.

- Concentrations of cVOCs, specifically 1,1,1-trichloroethane (1,1,1-TCA)(at 5.4 ug/L), 1,1-dichloroethane (at 5.1 ug/L), cis-1,2-DCE (at 10 ug/L), and TCE (at 27 ug/L) were detected above AWQS in downgradient well MW-17. Samples from MW-15 also exceeded AWQS for cis-1,2-DCE (at 5.4 ug/L) in downgradient of the remedial areas.

SVOCs

- Several SVOCs were detected above AWQS only in the upgradient well MW-14, specifically phenol (at 1.4 ug/L), benzo(a)anthracene (at 0.06 ug/L), benzo(a)pyrene (at 0.05 ug/L), benzo(b)fluoranthene(at 0.06 ug/L), benzo(k)fluoranthene (at 0.04 ug/L, chrysene (at 0.05 ug/L), indeno(1,2,3-cd)pyrene (at 0.07 ug/L) and naphthalene (at 14 ug/L). SVOCs were either below detection limits or below AWQS in the downgradient wells.

Metals

- Total metals, specifically total manganese [max. of 7,459 ug/L] and total sodium [max. of 446,000 ug/L] were detected above AWQS in all groundwater samples. Total iron [max. of 5,720 ug/L] and total magnesium [max. of 75,800 ug/l] were detected above AWQS some samples. Total antimony was detected above AWQS in one sample MW-18.

- Dissolved metals, specifically dissolved manganese (max. of 7,860 ug/L) and dissolved sodium [max. of 440,000 ug/L] were detected above AWQS in all groundwater samples. Dissolved magnesium [max. of 72,700 ug/L] was detected above AWQS in two samples.

The analytical results are summarized in **Table 2 through Table 4**. **Figure 4C** shows the sample locations and spider diagrams summarizing the exceedances to AWQS. The laboratory reports are provided in **Appendix E.**

6.2.4 4th Quarter Groundwater Monitoring Results – April 2025 to June 2025

VOCs

- Petroleum-related VOCs were detected above AWQS at the upgradient well MW-14 and downgradient wells MW-15 and MW-17. Petroleum-related VOCs 1,2,4,5-tetramethylbenzene (at 16 ug/L), 1,2,4-trimethylbenzene (at 13 ug/L) and sec-butylbenzene (at 5.5 ug/L) were detected above AWQS in the upgradient well MW-14 only. While petroleum-related VOCs ethylbenzene (max. of 10 ug/L), isopropylbenzene (max. of 14 ug/L), n-propylbenzene (max. of 26 ug/L) were detected above AWQS in both the upgradient well MW-14 and the downgradient wells (MW-15 and MW-17).

- Concentrations of cVOCs, specifically cis-1,2-DCE (at 5.9 ug/L), and TCE (at 16 ug/L) were detected above AWQS only in the downgradient well MW-17.

SVOCs

- Several SVOCs were detected above AWQS only in the upgradient well MW-14, specifically benzo(a)anthracene (at 0.07 ug/L), benzo(a)pyrene (at 0.08 ug/L), benzo(b)fluoranthene(at 0.09 ug/L), benzo(k)fluoranthene (at 0.04 ug/L, chrysene (at 0.06 ug/L), and indeno(1,2,3-cd)pyrene (at 0.05 ug/L). SVOCs were either below detection limits or below AWQS in the downgradient wells.

Metals

- Total metals, specifically total manganese [max. of 5,498 ug/L] and total sodium [max. of 389,000 ug/L] were detected above AWQS in all groundwater samples. Total iron [max. of 9,500 ug/L] were detected above AWQS some samples.

- Dissolved metals, specifically dissolved manganese (max. of 4,906 ug/L) and dissolved sodium [max. of 435,000 ug/L] were detected above AWQS in all groundwater samples. Dissolved antimony [max. of 5.35 ug/L] was detected above AWQS in one sample.

The analytical results are summarized in **Table 2 through Table 4**. **Figure 4D** shows the sample locations and spider diagrams summarizing the exceedances to AWQS. The laboratory reports are provided in **Appendix E.**

7.0 EVALUATION OF REMEDY EFFECTIVENESS

The project implemented the in-situ treatment by the direct application RegenOx® on November 15, 2023, December 21, 2023, January 26, 2024, and April 19, 2024. GZA then performed four quarters of post-treatment groundwater monitoring between July 2024 until June 2025.

7.1 PLUME BOUNDARY

Results from the monitoring well gauging did not show measurable LNAPL in all the monitoring wells. Therefore, spatial distribution of the contaminant plume was derived from the dissolved contaminant concentrations at each of the wells.

The laboratory analytical results for the most downgradient well MW-19 did not show cVOCs and SVOCs contaminant concentrations, which shows that the plume boundary did not extend across River Avenue. Also, at

the most southern well (MW-02) and at the most northern well (MW-16), the laboratory analytical results did not show cVOCs contaminant concentrations.

The laboratory analytical results show that the upgradient well MW-14 had the most dissolved petroleum-related VOCs concentrations which point to an off-site upgradient source. Petroleum related VOCs were detected above AWQS at MW-15, MW-17, and MW-18, with the highest total BTEX concentration documented at MW-15 during the 2nd Quarter of groundwater monitoring. Even though seasonal fluctuations to groundwater levels were well-documented, the petroleum-related VOCs horizontal plume remains stable within these three target wells.

7.2 CONTAMINANT CONCENTRATIONS REDUCTION

The introduction of the in-situ chemical oxidation product RegenOx® near the target wells MW-15, MW-17, and MW-18 resulted in the reduction of petroleum-related VOCs and cVOCs contaminant concentrations compared to the October 2023 baseline concentrations.

- At MW-15, total VOC concentrations ranged from as high as 832.3 ug/L down to 48.87 ug/L, while total BTEX concentration ranged from as high as 315 ug/L down to 10 ug/L.
- At MW-17, total VOC concentrations ranged from as high as 145.01 ug/L down to 33.03 ug/L, while total BTEX concentration ranged from as high as 16 ug/L down to below detection limits. The total cVOCs ranged from as high as 48.36 ug/L down to 19.28 ug/L.
- At MW-18, total VOC concentrations ranged from as high as 680.13 ug/L down to 233.99 ug/L, while total BTEX concentration ranged from as high as 85 ug/L down to 62 ug/L, and might have been lower if MW-18 had been accessible during the 4th Quarter to sample.

The Total VOC and Total BTEX contaminant concentration trend graphs are shown in **Figures 5A and 5B**.

8.0 CONCLUSIONS AND RECOMMENDATIONS

This report summarizes the work and presents the results of the Post-Treatment Groundwater Monitoring activities performed by GZA from July 2024 through June 2025.

The NYSDEC approved the Interim Remedial Measure to implement the direct application of RegenOx® for the enhanced in-situ bioremediation at the Site. The application of the in-situ chemical oxidation product, RegenOx®, during the IRM was targeted at select locations and is anticipated to follow the direction of groundwater flow in an effort to remedy the petroleum-related VOCs and cVOCs exceedances across the Site. Subsequently, GZA performed groundwater gauging of all the accessible wells and collected groundwater samples for laboratory analyses from the six monitoring wells (MW-02, MW-14, MW-15, MW-16, MW-17, and MW-18).

The results from the groundwater gauging showed that groundwater flows generally from east to west across the Site, towards the Harlem River. None of the wells showed measurable LNAPL.

The groundwater sampling results showed that the petroleum-related VOCs were continuing to be high in the upgradient well MW-14, which points to an off-site upgradient source. The groundwater sampling results also showed that that the remedial excavations and RegenOx applications are reducing the previously impacted downgradient wells with significant reduction of petroleum-related VOCs in the three target wells (MW-15, MW-17 and MW-18). The groundwater sampling results showed that cVOCs contaminant concentration is have also been significantly reduced in MW-15, and MW-18. MW-17 has exhibited relatively low-level cVOC groundwater concentrations throughout the groundwater monitoring and total concentrations of VOCs are less than 25% of

the initial concentration with a complete reduction of petroleum related VOCs. The removal of source area soils above PGSCOs and the application of RegenOx® during the have reduced groundwater concentrations and made groundwater more favorable to monitored natural attenuation. Concentrations of VOCs show a decreasing trend across the sampled downgradient wells since the application of RegenOx® during the IRM.

The BCP Decision Document includes post-remedial action management including Institutional Controls (e.g., environmental easement) and Engineering Controls (e.g., installation of a composite cover over residual Site soils, installation of a sub-slab depressurization system [SSDS], and the installation of a soil vapor extraction [SVE] system) that will limit the exposure potential for receptors at the Site.

GZA recommends that Groundwater Monitoring continue under the NYSDEC-approved Site Management Plan (SMP) for VOC parameters. Groundwater monitoring activities to assess RegenOx® direct application will continue, as determined by the NYSDEC project manager in consultation with NYSDOH project manager, until residual groundwater concentrations are found to be consistently below ambient water quality standards, or have become asymptotic at an acceptable level over an extended period. A minimum of 8 quarterly post-treatment groundwater monitoring samples from MW-14, MW-15, MW-17, and MW-18 will be performed per the SMP.

TABLES

Table 1 - Monitoring Well Details and Groundwater Sampling Summary

Post-Treatment Groundwater Monitoring Report
101 E. 150th Street, Bronx, New York
BCP Site No. C203154

	WELL INSTALLATION DETAILS					DEPTH TO WATER (DTW) MEASUREMENTS				GROUNDWATER ELEVATION (GWE)				GROUNDWATER SAMPLING DETAILS			
Well ID	**Installation Date**	**Installation Area**	**Approximate TOC Elevation (NAVD 88)**	**Total Depth (feet)**	**Screen Interval (feet)**	**Q1 DTW (feet below TOC)**	**Q2 DTW (feet below TOC)**	**Q3 DTW (feet below TOC)**	**Q4 DTW (feet below TOC)**	**Q1 GWE (NAVD 88)**	**Q2 GWE (NAVD 88)**	**Q3 GWE (NAVD 88)**	**Q4 GWE (NAVD 88)**	**Q1 Sample Collection Date**	**Q2 Sample Collection Date**	**Q3 Sample Collection Date**	**Q4 Sample Collection Date**
MW-01	Aug-22	Gerard Avenue	+23.81	28.0	18-28	19.27	20.19	20.00	19.05	4.54	3.62	3.81	4.76	-	-	-	-
MW-02	Aug-22	River Avenue	+15.48	22.4	12.4-22.4	12.32	-	13.13	-	3.16	-	2.35	-	7/31/2024	-	2/26/2025	-
MW-13	Oct-23	Gerard Avenue	+25.41	26.0	16-26	20.73	-	-	-	4.68	-	-	-	-	-	-	-
MW-14	Oct-23	Gerard Avenue	+25.00	26.3	16.3-26.3	20.50	21.53	21.55	20.48	4.50	3.47	3.45	4.52	7/31/2024	11/25/2024	2/27/2025	5/22/2025
MW-15	Oct-23	River Avenue	+18.20	22.0	12-22	15.02	15.66	15.80	15.05	3.18	2.54	2.40	3.15	8/1/2024	11/25/2024	2/26/2025	5/22/2025
MW-16	Oct-23	River Avenue	+20.59	25.5	15.5-25.5	17.42	17.96	18.13	17.52	3.17	2.63	2.46	3.07	8/1/2024	11/25/2024	2/26/2025	5/22/2025
MW-17	Apr-24	River Avenue	+17.70	22.0	12-22	14.45	15.12	15.27	14.52	3.25	2.58	2.43	3.18	7/31/2024	11/25/2024	2/26/2025	5/22/2025
MW-18	Apr-24	River Avenue	+19.15	22.0	12-22	15.85	16.45	16.62	-	3.30	2.70	2.53	-	8/1/2024	11/25/2024	2/26/2025	-
MW-19	Apr-24	Across River Avenue	+17.91	25.0	15-25	15.52	15.42	15.72	14.80	2.39	2.49	2.19	3.11	9/24/2024	-	-	-

Notes:
TOC = Top of Casing
NAVD 88 - Elevation is feet above (+) mean sea level based on the North American Vertical Datum of 1988
DTW - Depth to water
Q1 - 1st Quarter Monitoring Period(July 2024/August 2024/September 2024) – July 31 and August 1, 2024
Q2 - 2nd Quarter Monitoring Period (October 2024/November 2024/December 2024) – November 25, 2024
Q3 - 3rd Quarter Monitoring Period (January 2025/February 2025/March 2025) – February 26, 2025
Q4 - 4th Quarter Monitoring Period (April 2025/May 2025/June 2025) – May 22, 2025

Table 2 - Volatile Organic Compounds in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, New York
BCP Site No. C203154

SAMPLE LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-01		MW-02						MW-14									
GROUNDWATER MONITORING PERIOD		Baseline		Baseline		Q1		Q3		Baseline		Q1		Q2		Q3		Q4	
SAMPLING DATE		10/19/2023		10/19/2023		7/31/2024		2/26/2025		10/19/2023		7/31/2024		11/25/2024		2/27/2025		5/22/2025	
LAB SAMPLE ID		L2362385-01		L2362385-02		L2443211-01		L2510540-01		L2362385-04		L2443213-01		L2469589-01		L2511034-01		L2532220-01	
SAMPLE TYPE		Water		Water		Water		WATER		Water		Water		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organic Compounds (VOC) by EPA Method 8260C (ug/L)																			
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	3.8	U	6	U	1.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U	2	U	2	U	**74**		**30**		**41**		**80**		**16**	
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	**32**		**130**		**690**		**500**		**13**	
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U	2	U	2	U	5	U	8	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	0.84	J	2.5	U	6.2	U	10	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
1,2-Dichloroethene, Total	--	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U	1	U	2.5	U	4	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.97	J	4.1		6.2	U	10	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,3-Dichloropropene, Total	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
1,4-Dioxane	0.35	250	U	250	U	250	U	250	U	250	U	250	U	620	U	1000	U	250	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U	5	U	12	U	20	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U	5	U	12	U	20	U	5	U
4-Methyl-2-pentanone	--	5	U	5	U	5	U	5	U	5	U	5	U	12	U	20	U	5	U
Acetone	50	5	U	5	U	5	U	5	U	2.1	J	5.1		6.2	J	20	U	2.5	J
Acrylonitrile	5	5	U	5	U	5	U	5	U	5	U	5	U	12	U	20	U	5	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U	2	U	5	U	8	U	2	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Carbon disulfide	60	5	U	5	U	5	U	5	U	5	U	5	U	12	U	20	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Chloroform	7	**8**		1.2	J	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2	J
Chloromethane	--	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	12	U	20	U	5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	12	U	20	U	5	U
Ethyl ether	--	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	**10**		**22**		**98**		**85**		3.5	
Hexachlorobutadiene	0.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	**31**		**20**		**60**		**54**		**14**	
Methyl tert butyl ether	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	**42**		**9.1**		**8.5**		**12**		4	
n-Propylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	**9.5**		**28**		**99**		**110**		**26**	
Naphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U	**67**		**17**		**32**		**16**		2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**30**		**120**		**13**		2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U	2	U	2.5	U	**15**		11		6.2	U	10	U	2.5	U
p-Diethylbenzene	--	2.5	U	2.5	U	2	U	2	U	2.5	U	26		17		26		22	
p-Ethyltoluene	--	2	U	2	U	2.5	U	2	U	18		2.8		28		8	U	2	U
p-Isopropyltoluene	5	2	U	2	U	2.5	U	2.5	U	16		**28**		2.3	J	3.3	J	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	0.93	J	2.5	U	**34**		10	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	**10**		**6.1**		**9.9**		**14**		**5.5**	
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	1.2	J	0.76	J	6.2	U	10	U	0.9	J
Tetrachloroethene	5	0.5	U	2		1.8		0.66		0.5	U	0.36	J	1.2	U	2	U	0.5	U
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	1.2	U	2	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Trichloroethene	5	0.5	U	0.53		0.35	J	0.44	J	0.5	U	0.5	U	1.2	U	2	U	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	6.2	U	10	U	2.5	U
Vinyl acetate	--	5	U	5	U	5	U	5	U	5	U	5	U	12	U	20	U	5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1	U	1	U	2.5	U	4	U	1	U
Xylenes, Total	--	2.5	U	2.5	U	2.5	U	2.5	U	15		58		150		13		2.5	U
TOTAL BTEX		U		U		U		U		25		80		252		98		3.5	
TOTAL VOCs		8		2.53		2.15		1.1		339.5		329.4		1198.6		913.3		109.4	

Table Notes:

NYSDEC TOGS 1.1.1 AWQS GV New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values.

11 Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

J: The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or estimated

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

--: No Guidance Value.

ug/L: Microgram per Liter.

TOTAL BTEX Total concentration of benzene, toluene, ethylbenzene, and xylene

TOTAL VOCs Total concentration of volatile organic compounds

Table 2 - Volatile Organic Compounds in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, New York
BCP Site No. C203154

SAMPLE LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-15										MW-16									
GROUNDWATER MONITORING PERIOD		Baseline		Q1		Q2		Q3		Q4		Baseline		Q1		Q2		Q3		Q4	
SAMPLING DATE		10/19/2023		8/1/2024		11/25/2024		2/26/2025		5/22/2025		10/19/2023		8/1/2024		11/25/2024		2/26/2025		5/22/2025	
LAB SAMPLE ID		L2362385-05		L2443498-02		L2469589-02		L2510540-02		L2532220-02		L2362385-06		L2443498-03		L2469589-03		L2510540-03		L2532220-03	
SAMPLE TYPE		Water		Water		WATER		WATER		WATER		Water		Water		WATER		WATER		WATER	
		Results		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organic Compounds (VOC) by EPA Method 8260C (ug/L)																					
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	**16**		2.5	U	5	U	2.5	U	2.5	U	1.6	J	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	3	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	**16**		1	J	5	U	1.7	J	2.3	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.76		0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	5	2	U	3		**29**		1.2	J	2	U	2	U	2	U	2	U	2	U	2	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	**16**		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	4	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene, Total	--	61		3.6		4.3	J	5.4		3.9		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	1	1	U	1	U	2	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	3.1	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	--	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	0.35	250	U	250	U	500	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U
2,2-Dichloropropane	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	--	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	50	5	U	5	U	6.3	J	1.7	J	3.4	J	5	U	5	U	5	U	5	U	5	U
Acrylonitrile	5	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	1	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	4	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	3		2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	--	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	**61**		3.6		4.3	J	**5.4**		3.9		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Ethyl ether	--	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	**160**		**260**		**33**		**10**		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	**56**		**76**		**51**		**6.8**		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	3.8		**8**		3.6		0.74	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	**75**		**110**		**38**		**5.5**		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	2.5	U	2.5	U	**180**		8.9		4.1		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	**18**		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	8.7		5	U	2.5	U	2.5	U	2.5	U	2	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	--	2.5	U	2	U	15		7.9		1.8	J	2.5	U	2	U	2	U	2	U	2	U
p-Ethyltoluene	--	0.87	J	2.5	U	48		2	U	2	U	2	U	2.5	U	2	U	2	U	2	U
p-Isopropyltoluene	5	2	U	2.5	U	2.3	J	2.5	U	2.5	U	2	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	**37**		0.84	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	**7.5**		**10**		**8.6**		2.6		2.5	U	2.5	U	2.8		0.81	J	1.8	J
Styrene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	1.5	J	1.7	J	1.5	J	2.5	U	2.5	U	2.5	U	0.7	J	2.5	U	0.74	J
Tetrachloroethene	5	0.41	J	0.76		1	U	0.19	J	0.23	J	2.1		0.9		0.66		0.52		0.36	J
Toluene	5	2.5	U	1.2	J	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	**52**		3.9		3.3		4.2		3.6		0.45	J	0.3	J	0.25	J	0.23	J	0.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate	--	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	2	1	U	1	U	2	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	--	2.5	U	2.5	U	55		0.84	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
TOTAL BTEX		U		161.2		315		33.84		10		U		U		U		U		U	
TOTAL VOCs		209.76		329.56		832.3		173.13		48.87		2.1		1.2		4.41		1.56		2.9	

Table Notes:

NYSDEC TOGS 1.1.1 AWQS GV New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values.

11 Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

J: The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or estimated

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

--: No Guidance Value.

ug/L: Microgram per Liter.

TOTAL BTEX Total concentration of benzene, toluene, ethylbenzene, and xylene

TOTAL VOCs Total concentration of volatile organic compounds

Table 2 - Volatile Organic Compounds in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, New York
BCP Site No. C203154

SAMPLE LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-17								MW-18						MW-19	
GROUNDWATER MONITORING PERIOD		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q1	
SAMPLING DATE		7/31/2024		11/25/2024		2/26/2025		5/22/2025		8/1/2024		11/25/2024		2/26/2025		9/24/2024	
LAB SAMPLE ID		L2443211-02		L2469589-04		L2510540-04		L2532220-04		L2443498-01		L2469589-05		L2510540-05		L2455026-01	
SAMPLE TYPE		Water		WATER		WATER		WATER		Water		WATER		WATER		Water	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organic Compounds (VOC) by EPA Method 8260C (ug/L)																	
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	5	**6.1**		1.8	J	**5.4**		2.5		0.97	J	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	5	4.2		1.4	J	**5.1**		2.3	J	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.25	J	0.5	U	0.25	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	5	0.74	J	2	U	2	U	2	U	**7.6**		**84**		**35**		2	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**150**		2.3	J	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene, Total	--	11		4.4		10		5.9		1.4	J	0.81	J	2.5	U	2.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	--	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	0.35	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	50	2.1	J	3.4	J	5	U	5	U	1.9	J	2.7	J	5	U	5	U
Acrylonitrile	5	5	U	5	U	5	U	5	U	5	U	5	U	4.3	J	5	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	60	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	--	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	**11**		4.4		**10**		**5.9**		1.4	J	0.81	J	2.5	U	2.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Ethyl ether	--	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	**16**		2.5	U	2.5	U	2.5	U	1.7	J	**49**		**62**		2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	**24**		**11**		2.5	U	2.5	U	1.2	J	**35**		**37**		2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	0.96	J	2.5	U	2.5	U	2.5	U	3.2		**16**		**9.6**		2.5	U
n-Propylbenzene	5	**12**		2.5	U	2.5	U	2.5	U	**5.6**		**91**		**65**		2.5	U
Naphthalene	10	**27**		2.5	U	2.5	U	2.5	U	2.5	U	**110**		2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**7.1**		2.5	U	2.5	U
p-Chlorotoluene	5	2.7		2.5	U	2.5	U	2.5	U	4		2.5	U	2.5	U	2	U
p-Diethylbenzene	--	2	U	2	U	2	U	2	U	2	U	21		14		2	U
p-Ethyltoluene	--	2.5	U	2	U	2	U	2	U	2.5	U	65		2	U	2.5	U
p-Isopropyltoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	4.6		2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**29**		2.5	U	2.5	U
sec-Butylbenzene	5	4.8		2.8		2.5	U	2.5	U	2.1	J	**10**		**5.9**		2.5	U
Styrene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	5	0.96	J	2.5	U	2.5	U	2.5	U	2.5	U	1.3	J	1.1	J	2.5	U
Tetrachloroethene	5	1.2		0.68		0.86		0.43	J	1.1		0.61		0.29	J	0.57	
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	**20**		**11**		**27**		**16**		2.1		2.2		1.8		0.32	J
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Xylenes, Total	--	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	36		2.5	U	2.5	U
TOTAL BTEX		16		U		U		U		1.7		85.1		62		U	
TOTAL VOCs		145.01		40.88		58.61		33.03		34.27		680.13		233.99		0.89	

Table Notes:

NYSDEC TOGS 1.1.1 New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values.

11 Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

J: The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or estimated detection limit (EDL).

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

--: No Guidance Value.

ug/L: Microgram per Liter.

TOTAL BTEX Total concentration of benzene, toluene, ethylbenzene, and xylene

TOTAL VOCs Total concentration of volatile organic compounds

Table 3 - Semi-Volatile Organic Compounds in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, New York

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-01		MW-02						MW-14									
GROUNDWATER MONITORING PERIOD		Baseline		Baseline		Q1		Q3		Baseline		Q1		Q2		Q3		Q4	
SAMPLING DATE		10/19/2023		10/19/2023		7/31/2024		2/26/2025		10/19/2023		7/31/2024		11/25/2024		2/27/2025		5/22/2025	
LAB SAMPLE ID		L2362385-01		L2362385-02		L2443211-01		L2510540-01		L2362385-04		L2443213-01		L2469589-01		L2511034-01		L2532220-01	
SAMPLE TYPE		Water		Water		Water		WATER		Water		Water		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS by EPA Method 8270C (ug/L)																			
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U	2	U	0.56	J	2	U	2	U	0.4	J	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	--	5	U	5	U	5	U	5	U	0.98	J	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzoic Acid	--	6.5	J	6.2	J	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Benzyl Alcohol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Biphenyl	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbazole	--	2	U	2	U	2	U	2	U	1.9	J	2	U	2	U	2	U	2	U
Di-n-butylphthalate	50	2	U	2	U	5	U	5	U	1.6	J	5	U	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	--	5	U	5	U	2	U	2	U	5	U	2	U	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
n-Nitrosodi-n-propylamine	--	2	U	2	U	5	U	5	U	2	U	5	U	5	U	5	U	5	U
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	0.4	5	U	5	U	2	U	2	U	5	U	2	U	2	U	2	U	2	U
p-Chloro-m-cresol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Phenol	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	**1.4**	**J**	5	U
Semivolatile Organics by GC/MS-SIM (ug/L)																			
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2-Methylnaphthalene	--	0.1	U	0.1	U	0.1	U	0.1	U	0.67		0.1	U	0.1	U	0.1	U	0.03	J
Acenaphthene	20	0.1	U	0.1	U	0.06	J	0.1	U	2.2		0.1	U	0.09	J	0.19		0.05	J
Acenaphthylene	--	0.1	U	0.1	U	0.1	U	0.1	U	0.08	J	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	50	0.1	U	0.1	U	0.03	J	0.1	U	0.1	U	0.1	U	0.1	U	0.06	J	0.03	J
Benzo(a)anthracene	0.002	**0.02**	**J**	0.1	U	**0.04**	**J**	0.1	U	**0.07**	**J**	**0.03**	**J**	0.1	U	**0.06**	**J**	**0.07**	**J**
Benzo(a)pyrene	0	0.1	U	0.1	U	**0.04**	**J**	0.1	U	**0.02**	**J**	**0.03**	**J**	0.1	U	**0.05**	**J**	**0.08**	**J**
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	**0.05**	**J**	0.1	U	**0.03**	**J**	**0.04**	**J**	0.1	U	**0.06**	**J**	**0.09**	**J**
Benzo(ghi)perylene	--	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.07	J	0.05	J
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	**0.01**	**J**	0.1	U	0.1	U	**0.04**	**J**	**0.04**	**J**
Chrysene	0.002	0.1	U	0.1	U	**0.03**	**J**	0.1	U	**0.08**	**J**	0.1	U	0.1	U	**0.05**	**J**	**0.06**	**J**
Dibenzo(a,h)anthracene	--	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.05	J	0.1	U
Fluoranthene	50	0.1	U	0.1	U	0.09	J	0.1	U	0.92		0.05	J	0.15		0.26		0.17	
Fluorene	50	0.1	U	0.1	U	0.04	J	0.1	U	1.2		0.1	U	0.06	J	0.14		0.04	J
Hexachlorobenzene	0.04	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.02	J	0.8	U	0.8	U	0.8	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	**0.07**	**J**	**0.05**	**J**
Naphthalene	10	0.1	U	0.1	U	0.1	U	0.1	U	**19**		0.1	U	3.4		**14**		0.46	
Pentachlorophenol	1	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.07	J
Phenanthrene	50	0.1	U	0.1	U	0.11		0.1	U	2.5		0.1	U	0.1	U	0.11		0.09	J
Pyrene	50	0.1	U	0.1	U	0.1	J	0.1	U	0.67		0.13		0.16		0.24		0.17	
TOTAL SVOCs		U		U		0.59		U		27.16		0.3		3.86		16.85		1.55	

Table Notes:

NYSDEC TOGS 1.1.1 New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values.

11 Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

J: The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or

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

--: No Guidance Value.

ug/L: Microgram per Liter.

TOTAL BTEX Total concentration of benzene, toluene, ethylbenzene, and xylene

TOTAL VOCs Total concentration of volatile organic compounds

Table 3 - Semi-Volatile Organic Compounds in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, New York

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-15										MW-16									
GROUNDWATER MONITORING PERIOD		Baseline		Q1		Q2		Q3		Q4		Baseline		Q1		Q2		Q3		Q4	
SAMPLING DATE		10/19/2023		8/1/2024		11/25/2024		2/26/2025		5/22/2025		10/19/2023		8/1/2024		11/25/2024		2/26/2025		5/22/2025	
LAB SAMPLE ID		L2362385-05		L2443498-02		L2469589-02		L2510540-02		L2532220-02		L2362385-06		L2443498-03		L2469589-03		L2510540-03		L2532220-03	
SAMPLE TYPE		Water		Water		WATER		WATER		WATER		Water		Water		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS by EPA Method 8270C (ug/L)																					
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	--	5	U	5	U	5	U	3.5	J	5	U	5	U	5	U	5	U	5	U	5	U
Benzoic Acid	--	6.3	J	50	U	50	U	50	U	50	U	6.1	J	50	U	50	U	50	U	50	U
Benzyl Alcohol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Biphenyl	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	3	U	3	U	3	U	1.9	J	3	U	3	U	3	U	3	U	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbazole	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Di-n-butylphthalate	50	2	U	5	U	5	U	5	U	5	U	2	U	5	U	5	U	5	U	5	U
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	--	5	U	2	U	2	U	2	U	2	U	5	U	2	U	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
n-Nitrosodi-n-propylamine	--	2	U	5	U	5	U	5	U	5	U	2	U	5	U	5	U	5	U	5	U
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	0.4	5	U	2	U	2	U	2	U	2	U	5	U	2	U	2	U	2	U	2	U
p-Chloro-m-cresol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Phenol	1	5	U	**1.1**	**J**	5	U	5	U	5	U	5	U	**1.7**	**J**	5	U	5	U	5	U
Semivolatile Organics by GC/MS-SIM (ug/L)																					
2-Chloronaphthalene	10	0.2	U	0.2	U	0.4	U	0.2	U	0.2	U	0.05	J	0.2	U	0.2	U	0.2	U	0.2	U
2-Methylnaphthalene	--	0.1	U	0.09	J	0.2		0.06	J	0.1	U	0.03	J	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthene	20	0.1	U	0.06	J	0.1	J	0.06	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	--	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	50	0.02	J	0.02	J	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)anthracene	0.002	**0.02**	**J**	0.1	U	0.2	U	0.1	U	0.1	U	**0.02**	**J**	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	0	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	--	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	0.002	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene	--	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluoranthene	50	0.1	U	0.03	J	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	50	0.02	J	0.05	J	0.07	J	0.05	J	0.03	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	0.04	0.8	U	0.03	J	1.6	U	0.02	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Hexachlorobutadiene	0.5	0.5	U	0.03	J	1	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	5	0.8	U	0.8	U	1.6	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Naphthalene	10	0.1	U	0.43	B	**80**		6.8		1.3		0.1	U	0.1	U	0.32		0.03	J	0.09	J
Pentachlorophenol	1	0.8	U	0.09	J	1.6	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Phenanthrene	50	0.1	U	0.05	J	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Pyrene	50	0.1	U	0.1	U	0.2	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
TOTAL SVOCs		U		1.98		80.37		12.37		1.33		U		1.7		0.32		0.03		0.09	

Table Notes:

NYSDEC New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality
TOGS 1.1.1 Standard and Guidance Values.
11 Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.
J: The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or
U: Not detected at the reported detection limit for the sample.
--: No Guidance Value.
ug/L: Microgram per Liter.
TOTAL BTEX Total concentration of benzene, toluene, ethylbenzene, and xylene
TOTAL VOCs Total concentration of volatile organic compounds

Table 3 - Semi-Volatile Organic Compounds in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, New York

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-17								MW-18						MW-19	
GROUNDWATER MONITORING PERIOD		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q1	
SAMPLING DATE		7/31/2024		11/25/2024		2/26/2025		5/22/2025		8/1/2024		11/25/2024		2/26/2025		9/24/2024	
LAB SAMPLE ID		L2443211-02		L2469589-04		L2510540-04		L2532220-04		L2443498-01		L2469589-05		L2510540-05		L2455026-01	
SAMPLE TYPE		Water		WATER		WATER		WATER		Water		WATER		WATER		Water	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Semivolatile Organics by GC/MS by EPA Method 8270C (ug/L)																	
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	10	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol	--	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	--	5.4		5	U	5	U	5	U	5	U	5	U	5	U	5	U
Benzoic Acid	--	50	U	16	J	50	U	50	U	50	U	50	U	50	U	50	U
Benzyl Alcohol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Biphenyl	--	2	U	2	U	2	U	2	U	2	U	0.61	J	2	U	2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	5	3	U	3	U	3	U	3	U	3	U	3	U	3	U	3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbazole	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Di-n-butylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	1.6	J
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Isophorone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
n-Nitrosodi-n-propylamine	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Chloro-m-cresol	--	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Phenol	1	0.81	J	5	U	5	U	5	U	0.81	J	5	U	5	U	0.85	J
Semivolatile Organics by GC/MS-SIM (ug/L)																	
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	1	U	0.2	U	0.2	U
2-Methylnaphthalene	--	0.07	J	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Acenaphthene	20	0.14		0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.04	J	0.1	U
Acenaphthylene	--	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Anthracene	50	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Benzo(a)anthracene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Benzo(a)pyrene	0	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Benzo(ghi)perylene	--	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Chrysene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene	--	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.03	J	0.1	U
Fluoranthene	50	0.06	J	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Fluorene	50	0.03	J	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.04	J	0.1	U
Hexachlorobenzene	0.04	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	4	U	0.8	U	0.01	J
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	2.5	U	0.5	U	0.5	U
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	4	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
Naphthalene	10	**10**		0.16		0.1	U	0.03	J	0.1	U	**87**		0.65		0.03	J
Pentachlorophenol	1	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	4	U	0.8	U	0.13	J
Phenanthrene	50	0.06	J	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.04	J
Pyrene	50	0.05	J	0.1	U	0.1	U	0.1	U	0.1	U	0.5	U	0.1	U	0.1	U
TOTAL SVOCs		16.62		16.16		U		0.03		0.81		87.61		0.76		2.66	

Table Notes:

NYSDEC New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient
TOGS 1.1.1 Water Quality Standard and Guidance Values.
11 Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.
J: The analyte concentration is below the quantitative limit (RL), but above the method detection
U: Not detected at the reported detection limit for the sample.
--: No Guidance Value.
ug/L: Microgram per Liter.
TOTAL BTEX Total concentration of benzene, toluene, ethylbenzene, and xylene
TOTAL VOCs Total concentration of volatile organic compounds

Table 4 - Total and Dissolved Metals in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, New York

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-02						MW-14							
		Baseline		Q1		Q3		Baseline		Q1		Q2		Q3		Q4	
SAMPLING DATE		10/19/2023		7/31/2024		2/26/2025		10/19/2023		7/31/2024		11/25/2024		2/27/2025		5/22/2025	
LAB SAMPLE ID		L2362385-02		L2443211-01		L2510540-01		L2362385-04		L2443213-01		L2469589-01		L2511034-01		L2532220-01	
SAMPLE TYPE		Water		Water		WATER		Water		Water		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual	Results		Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals by EPA Method 6010 (ug/L)																	
Aluminum, Total	--	17.2		97		67.6		47.6		61.2		17		54		514	
Antimony, Total	3	4	U	4	U	4	U	4	U	4	U	0.59	J	4	U	4	U
Arsenic, Total	25	0.36	J	1.75		2.57		1.58		2.8		3.47		3.92		4.21	
Barium, Total	1000	8.35		77.2		59.51		139.4		39.4		81.04		216.1		305.5	
Beryllium, Total	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Total	5	0.2	U	0.2	U	0.08	J	0.2	U	0.2	U	0.2	U	0.2	U	0.09	J
Calcium, Total	--	150,000		310000		471000		108,000		24000		58400		154000		184000	
Chromium, Total	50	0.3	J	0.32	J	0.53	J	0.31	J	0.22	J	1	U	0.25	J	1.14	
Cobalt, Total	--	0.4	J	2.15		0.52		0.69		0.2	J	0.21	J	0.24	J	0.74	
Copper, Total	200	0.4	J	1.02		1.56		1	U	0.57	J	1	U	0.4	J	1.67	
Cyanide, Total	200	5	U	4	J	5		3	J	5	U	2	J	5	U	5	U
Iron, Total	300	255		**2050**		**3,260**		**5,600**		**2730**		**4,170**		**5,720**		**8130**	
Lead, Total	25	1	U	1.3		0.94	J	0.78	J	0.41	J	0.48	J	0.81	J	1.86	
Magnesium, Total	35000	**37,100**		**46000**		**75,800**		31,100		7430		21200		**39,600**		30700	
Manganese, Total	300	**408.4**		**3182**		**1,976**		**4311**		**602.3**		**1,424**		**1,881**		**1469**	
Mercury, Total	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Total	100	2	U	1.46	J	1.1	J	2	U	1.76	J	0.72	J	0.82	J	1.99	J
Potassium, Total	--	5860		18600		24000		5700		2760		3050		5620		9120	
Selenium, Total	10	3.08	J	5	U	2.14	J	5	U	5	U	5	U	5	U	1.77	J
Silver, Total	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Total	20000	**243,000**		**424000**		**446,000**		**168,000**		**125000**		**117,000**		**195,000**		**389000**	
Thallium, Total	0.5	1	U	1	U	1	U	1	U	0.15	J	1	U	1	U	1	U
Vanadium, Total	--	5	U	5	U	1.77	J	5	U	5	U	5	U	5	U	5	U
Zinc, Total	2000	10	U	4.87	J	13.7		10	U	10	U	10	U	11.94		3.78	J
Dissolved Metals by EPA Method 6010 (ug/L)																	
Aluminum, Dissolved	--	10	U	5.49	J	10	U	36.1		8.63	J	10	U	10	U	4.54	J
Antimony, Dissolved	3	4	U	4	U	4	U	4	U	4	U	4	U	4	U	**5.35**	
Arsenic, Dissolved	25	0.2	J	1.06		0.33	J	1.65		1.87		2.3		1.57		1.27	
Barium, Dissolved	1000	7.7		80.41		61.49		141.1		28.92		57.34		198		279.3	
Beryllium, Dissolved	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Dissolved	5	0.2	U	0.2	U	0.06	J	0.2	U	0.2	U	0.2	U	0.2	U	0.06	J
Calcium, Dissolved	--	175,000		322000		417000		110,000		23800		51400		118000		196000	
Chromium, Dissolved	50	1	U	1	U	1	U	1	U	1	U	0.38	J	1	U	1	U
Cobalt, Dissolved	--	0.22	J	2.06		0.63		0.66		0.18	J	0.21	J	0.28	J	0.56	
Copper, Dissolved	200	1	U	0.69	J	0.83	J	0.42	J	1	U	1	U	1	U	1	U
Iron, Dissolved	300	50	U	93.4		53.9		**5,620**		**320**		71.7		266		200	
Lead, Dissolved	25	1	U	1	U	1	U	0.8	J	1	U	1	U	0.61	J	0.63	J
Magnesium, Dissolved	35000	**40,000**		**46400**		**72,700**		31,600		7400		19300		**45,900**		33300	
Manganese, Dissolved	300	**325.9**		**3433**		**2,852**		**4277**		**578.8**		**1,352**		**2,653**		**1451**	
Mercury, Dissolved	0.7	0.2	U	0.15	JB	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	100	2	U	1.41	J	1.03	J	0.94	J	1.62	J	2	U	1.05	J	1.33	J
Potassium, Dissolved	--	6,790		19900		23600		5,530		2720		2740		5470		8760	
Selenium, Dissolved	10	3.11	J	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Silver, Dissolved	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Dissolved	20000	**255,000**		**460000**		**440,000**		**168,000**		**126000**		**108,000**		**203,000**		**435000**	
Thallium, Dissolved	0.5	1	U	1	U	1	U	1	U	0.19	J	1	U	1	U	1	U
Vanadium, Dissolved	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Zinc, Dissolved	2000	10	U	3.69	J	10	U	10	U	10	U	10	U	10	U	10	U

Table Notes:

NYSDEC TOGS 1.1.1 AWQS GV	New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values.
11	Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.
J:	The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or estimated
U:	Not detected at the reported detection limit for the sample.
--:	No Guidance Value.
ug/L:	Microgram per Liter.

Table 4 - Total and Dissolved Metals in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street, Bronx, New York

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-15										MW-16									
		Baseline		Q1		Q2		Q3		Q4		Baseline		Q1		Q2		Q3		Q4	
SAMPLING DATE		10/19/2023		8/1/2024		11/25/2024		2/26/2025		5/22/2025		10/19/2023		8/1/2024		11/25/2024		2/26/2025		5/22/2025	
LAB SAMPLE ID		L2362385-05		L2443498-02		L2469589-02		L2510540-02		L2532220-02		L2362385-06		L2443498-03		L2469589-03		L2510540-03		L2532220-03	
SAMPLE TYPE		Water		Water		WATER		WATER		WATER		Water		Water		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals by EPA Method 6010 (ug/L)																					
Aluminum, Total	--	247		276		20.4		178		290		734		199		108		204		137	
Antimony, Total	3	4	U	4	U	4	U	4	U	4	U	4	U	4	U	4	U	4	U	4	U
Arsenic, Total	25	16.52		23.51		16.59		15.7		13.61		0.41	J	0.3	J	0.24	J	0.18	J	0.27	J
Barium, Total	1000	352.4		149.4		57.09		53.01		86.02		223.6		63.52		46.78		108.6		78.83	
Beryllium, Total	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Total	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.52		0.15	J	0.1	J	0.26		0.21	
Calcium, Total	--	207,000		69000		32200		30400		62000		234,000		96300		72700		150000		132000	
Chromium, Total	50	0.5	J	0.46	J	0.46	J	0.46	J	0.48	J	1.53		0.84	J	0.38	J	0.59	J	0.39	J
Cobalt, Total	--	4.77		2.24		1.01		0.98		1.64		2.03		0.69		0.55		0.95		0.73	
Copper, Total	200	0.9	J	0.72	J	1	U	0.72	J	0.89	J	1.65		1.06		1.22		1.21		1.12	
Cyanide, Total	200	3	J	5	U	2	J	5	U	5	U	16		3	J	2	J	3	J	5	U
Iron, Total	300	**25,600**		**13500**		**4,720**		**4,340**		**9500**		**844**		267		168		221		209	
Lead, Total	25	0.5	J	0.79	J	1	U	0.8	J	0.99	J	0.92	J	0.78	J	0.72	J	1.25		0.66	J
Magnesium, Total	35000	27,900		8090		3320		4840		9010		31,000		13600		10500		22000		17600	
Manganese, Total	300	**4529**		**1848**		**808.8**		**871.3**		**1734**		**20450**		**5521**		**3,422**		**7,459**		**5498**	
Mercury, Total	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Total	100	0.92	J	1.2	J	2	U	0.68	J	0.86	J	1.01	J	0.68	J	0.66	J	0.83	J	0.82	J
Potassium, Total	--	7060		6020		3770		2530		3290		10900		5510		6130		8750		6800	
Selenium, Total	10	5	U	5	U	5	U	5	U	5	U	1.92	J	5	U	5	U	5	U	5	U
Silver, Total	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Total	20000	**197,000**		**140000**		**90,300**		**85,100**		**99400**		**363,000**		**188000**		**157,000**		**212,000**		**176000**	
Thallium, Total	0.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Vanadium, Total	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Zinc, Total	2000	10	U	10	U	10	U	14.28		10	U	10	U	10	U	10	U	12.34		10	U
Dissolved Metals by EPA Method 6010 (ug/L)																					
Aluminum, Dissolved	--	5.69	J	24.3		10	U	16.4		3.36	J	7.76	J	9.08	J	7.94	J	4.74	J	6.19	J
Antimony, Dissolved	3	4	U	4	U	4	U	4	U	1.29	J	4	U	4	U	4	U	4	U	0.7	J
Arsenic, Dissolved	25	16.33		5.12		9.46		7.15		1.13		0.22	J	0.25	J	0.34	J	0.21	J	0.24	J
Barium, Dissolved	1000	335.9		84.65		28.34		24.07		54.28		201.8		64.56		40.68		103.5		73.32	
Beryllium, Dissolved	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Dissolved	5	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.57		0.18	J	0.1	J	0.24		0.21	
Calcium, Dissolved	--	226,000		74100		29800		30900		67200		261,000		106000		63400		162000		141000	
Chromium, Dissolved	50	1	U	1	U	1	U	1	U	0.18	J	0.29	J	1	U	1	U	1	U	1	U
Cobalt, Dissolved	--	4.39		2.08		0.82		0.87		1.89		1.48		0.55		0.39	J	0.71		0.58	
Copper, Dissolved	200	1	U	1	U	1	U	1	U	1	U	0.74	J	0.6	J	0.86	J	0.66	J	1.01	
Iron, Dissolved	300	**24,100**		**1170**		144		284		46	J	25	J	50	U	50	U	50	U	50	U
Lead, Dissolved	25	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Magnesium, Dissolved	35000	30,900		7960		3150		4770		9630		**35,100**		13400		9300		22500		18500	
Manganese, Dissolved	300	**4378**		**1761**		**746.6**		**824**		**1754**		**19730**		**5764**		**2,743**		**7,860**		**4906**	
Mercury, Dissolved	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	100	1.42	J	0.78	J	2	U	2	U	0.89	J	0.85	J	2	U	2	U	0.64	J	0.87	J
Potassium, Dissolved	--	7,620		5550		3620		2790		3480		11,900		5540		5380		8830		7280	
Selenium, Dissolved	10	5	U	5	U	5	U	5	U	5	U	1.84	J	5	U	5	U	5	U	5	U
Silver, Dissolved	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Dissolved	20000	**210,000**		**156000**		**86,300**		**89,500**		**110000**		**384,000**		**207000**		**143,000**		**229,000**		**188000**	
Thallium, Dissolved	0.5	1	U	1	U	1	U	1	U	1	U	0.18	J	1	U	1	U	1	U	1	U
Vanadium, Dissolved	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Zinc, Dissolved	2000	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	3.75	J

Table Notes:

NYSDEC TOGS 1.1.1 AWQS GV New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values.

11 Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

J: The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or

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

--: No Guidance Value.

ug/L: Microgram per Liter.

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-17								MW-18						MW-19	
		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q1	
SAMPLING DATE		7/31/2024		11/25/2024		2/26/2025		5/22/2025		8/1/2024		11/25/2024		2/26/2025		9/24/2024	
LAB SAMPLE ID		L2443211-02		L2469589-04		L2510540-04		L2532220-04		L2443498-01		L2469589-05		L2510540-05		L2455026-01	
SAMPLE TYPE		Water		WATER		WATER		WATER		Water		WATER		WATER		Water	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals by EPA Method 6010 (ug/L)																	
Aluminum, Total	--	358		307		581		725		118		153		8.42	J	549	
Antimony, Total	3	4	U	4	U	4	U	4	U	4	U	4	U	**3.28**	**J**	4	U
Arsenic, Total	25	0.32	J	0.33	J	0.5	U	0.53		2.62		20.98		17.85		2.26	
Barium, Total	1000	119.4		87.04		128.7		63.28		54.59		119.3		42.66		117.4	
Beryllium, Total	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Total	5	0.08	J	0.09	J	0.09	J	0.07	J	0.2	U	0.2	U	0.2	U	0.2	U
Calcium, Total	--	102000		88600		136000		53600		63300		63000		28700		58600	
Chromium, Total	50	0.82	J	0.81	J	1.51		2.1		0.27	J	0.66	J	0.23	J	1	
Cobalt, Total	--	1.16		1.34		1.32		1.46		0.77		1.13		0.91		1.8	
Copper, Total	200	1.12		1.33		1.68		1.81		0.65	J	0.54	J	1	U	1.35	
Cyanide, Total	200	1	J	4	J	6		3	J	2	J	5	U	5	U	5	
Iron, Total	300	**483**		**442**		**683**		**1100**		**1080**		**10,100**		**3,250**		**1720**	
Lead, Total	25	0.78	J	0.84	J	1.19		1.75		0.43	J	0.67	J	1	U	0.92	J
Magnesium, Total	35000	13800		8210		8470		3640		8560		10400		4550		13200	
Manganese, Total	300	**2996**		**2,665**		**1,928**		**1450**		**1286**		**1,130**		**772.9**		**1807**	
Mercury, Total	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Total	100	1.23	J	1.5	J	1.52	J	1.34	J	0.63	J	0.61	J	2	U	1.52	J
Potassium, Total	--	10600		10000		16900		6500		5290		3470		3040		6130	
Selenium, Total	10	5	U	5	U	5	U	1.85	J	5	U	5	U	5	U	5	U
Silver, Total	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Total	20000	**245000**		**196,000**		**261,000**		**133000**		**133000**		**111,000**		**88,400**		**372000**	
Thallium, Total	0.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Vanadium, Total	--	5	U	5	U	5	U	2.15	J	5	U	5	U	5	U	5	U
Zinc, Total	2000	10	U	6.08	J	12.71		4.71	J	10	U	13.62		10	U	10	U
Dissolved Metals by EPA Method 6010 (ug/L)																	
Aluminum, Dissolved	--	27.8		7.41	J	29.6		6.92	J	12.9		10	U	10	U	9.86	J
Antimony, Dissolved	3	4	U	4	U	4	U	0.52	J	4	U	4	U	1.79	J	4	U
Arsenic, Dissolved	25	0.24	J	0.35	J	0.27	J	0.5	U	1.32		2.94		14.32		1.05	
Barium, Dissolved	1000	113.1		72.38		127		51.55		53.16		77		16.82		109.7	
Beryllium, Dissolved	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium, Dissolved	5	0.07	J	0.07	J	0.07	J	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Calcium, Dissolved	--	99000		76700		138000		59400		63700		60200		25000		58600	
Chromium, Dissolved	50	1	U	1	U	0.18	J	0.4	J	1	U	0.46	J	1.19		1	U
Cobalt, Dissolved	--	0.86		0.92		0.81		0.41	J	0.71		1.07		0.88		1.3	
Copper, Dissolved	200	0.65	J	0.68	J	0.87	J	0.77	J	0.43	J	1	U	1	U	1	U
Iron, Dissolved	300	38.6	J	50	U	50.7		50	U	147		**466**		221		100	
Lead, Dissolved	25	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Magnesium, Dissolved	35000	13500		6870		7390		4510		8350		10400		4320		12700	
Manganese, Dissolved	300	**2875**		**2,445**		**1,879**		**1054**		**1247**		**1,194**		**702**		**1369**	
Mercury, Dissolved	0.7	0.16	JB	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	100	0.98	J	2	U	0.8	J	2	U	2	U	2	U	2	U	0.82	J
Potassium, Dissolved	--	10700		8590		16100		7420		5190		3700		2820		6180	
Selenium, Dissolved	10	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Silver, Dissolved	50	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
Sodium, Dissolved	20000	**267000**		**169,000**		**289,000**		**175000**		**132000**		**114,000**		**87,800**		**349000**	
Thallium, Dissolved	0.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Vanadium, Dissolved	--	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Zinc, Dissolved	2000	10	U	10	U	3.61	J	10	U	10	U	10	U	10	U	10	U

Table Notes:

NYSDEC TOGS 1.1.1 AWQS GV New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values.

11 Concentration exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

J: The analyte concentration is below the quantitative limit (RL), but above the method detection limit

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

--: No Guidance Value.

ug/L: Microgram per Liter.

Table 5 - Pesticides, Herbicides, and Polychlorinated Biphenyls in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street
Bronx, New York

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-01		MW-02		MW-13		MW-14		MW-15		MW-16	
		Baseline											
SAMPLING DATE		10/19/2023		10/19/2023		10/19/2023		10/19/2023		10/19/2023		10/19/2023	
LAB SAMPLE ID		L2362385-01		L2362385-02		L2362385-03		L2362385-04		L2362385-05		L2362385-06	
SAMPLE TYPE		Water		Water		Water		Water		Water		Water	
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Pesticides by EPA Method 8081 (ug/L)													
4,4'-DDD	0.3	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDE	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Aldrin	0	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Alpha-BHC	0.01	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Beta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Chlordane	0.05	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
cis-Chlordane	--	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Delta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Dieldrin	0.004	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan I	--	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	--	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	--	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin	0	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin aldehyde	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin ketone	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Heptachlor	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	0.03	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	0.05	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Methoxychlor	35	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	0.06	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
trans-Chlordane	--	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Herbicides by EPA Method 8151 (ug/L)													
2,4-D	50	10	U	10	U	10	U	10	U	10	U	10	U
2,4,5-T	35	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-TP (Silvex)	--	2	U	2	U	2	U	2	U	2	U	2	U
PCBs by EPA Method 8082A (ug/L)													
Aroclor 1016	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1221	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1242	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1248	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1262	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
PCBs, Total	--	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U

Table Notes:

NYSDEC TOGS 1.1.1 AWQS GV	New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values
MW	Permanent Monitoring Well
U	Not detected at the reported detection limit for the sample
--	No Guidance Value
ug/L	Results are reported in microgram per liter

Table 6 - Per- and Polyfluoroalkyl Substances in Groundwater

Post-Treatment Groundwater Monitoring Report
101 East 150th Street
Bronx, New York

LOCATION	NYDEC Part 375 PFAS Remedial Program Water April 2023	MW-14		MW-16		MW-16	
				Baseline			
SAMPLING DATE		11/15/2023		10/19/2023		11/15/2023	
LAB SAMPLE ID		L2367937-01		L2362385-06		L2367937-02	
SAMPLE TYPE		WATER		WATER		WATER	
		Results	Qual	Results	Qual	Results	Qual
Perfluorinated PFCs by EPA Method 537.1 (ug/L)							
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	0.1	0.0128	U	-		0.00613	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.1	0.0128	U	0.0069	U	0.00613	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.1	0.0128	U	-		0.00613	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	0.0128	U	0.0069	U	0.00613	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	--	0.08	U	-		0.0383	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	--	0.08	U	-		0.0383	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	--	0.016	U	-		0.00766	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.1	0.0128	U	-		0.00613	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	0.1	0.0128	U	-		0.00613	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.1	0.00286	J	-		0.00124	J
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	--	0.0032	U	-		0.00153	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	--	0.032	U	-		0.0153	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.1	0.0032	U	0.00172	U	0.00153	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	--	0.0032	U	-		0.00153	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	--	0.032	U	-		0.0153	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.1	0.0032	U	0.00172	U	0.00153	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	--	0.0064	U	-		0.00306	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	--	0.00133	J	-		0.00046	J
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	--	0.00112	J	-		0.00306	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	--	0.00194	J	-		0.000529	J
Perfluorobutanesulfonic Acid (PFBS)	0.1	0.0299		0.0116		0.00665	
Perfluorobutanoic Acid (PFBA)	0.1	0.0182		0.0251		0.00838	
Perfluorodecanesulfonic Acid (PFDS)	0.1	0.0032	U	0.00172	U	0.00153	U
Perfluorodecanoic Acid (PFDA)	0.1	0.0032	U	0.00172	U	0.00153	U
Perfluorododecanesulfonic Acid (PFDoS)	--	0.0032	U	-		0.00153	U
Perfluorododecanoic Acid (PFDoA)	0.1	0.0032	U	0.00172	U	0.00153	U
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	0.0032	U	0.00172	U	0.00153	U
Perfluoroheptanoic Acid (PFHpA)	0.1	0.00781		0.0129		0.00306	
Perfluorohexanesulfonic Acid (PFHxS)	0.1	0.00339		0.00663		0.00143	J
Perfluorohexanoic Acid (PFHxA)	0.1	0.0192		0.025		0.00767	
Perfluorononanesulfonic Acid (PFNS)	--	0.0032	U	-		0.00153	U
Perfluorononanoic Acid (PFNA)	0.1	0.00203	J	0.00069	J	0.00153	U
Perfluorooctanesulfonamide (PFOSA)		0.0032	U	0.00172	U	0.00153	U
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.0342**		0.00644		0.000759	J
Perfluorooctanoic Acid (PFOA)	0.01	**0.0265**		**0.0892**		0.0026	
Perfluoropentanesulfonic Acid (PFPeS)		0.00147	J	-		0.000414	J
Perfluoropentanoic Acid (PFPeA)	0.1	0.0289		0.02		0.0136	
Perfluorotetradecanoic Acid (PFTeDA)		0.0032	U	0.00172	U	0.00153	U
Perfluorotridecanoic Acid (PFTrDA)	0.1	0.0032	U	0.00172	U	0.00153	U
Perfluoroundecanoic Acid (PFUnA)	0.1	0.0032	U	0.00172	U	0.00153	U

Table Notes:

Exceeds NYDEC Part 375 PFAS Remedial Program Water April 2023

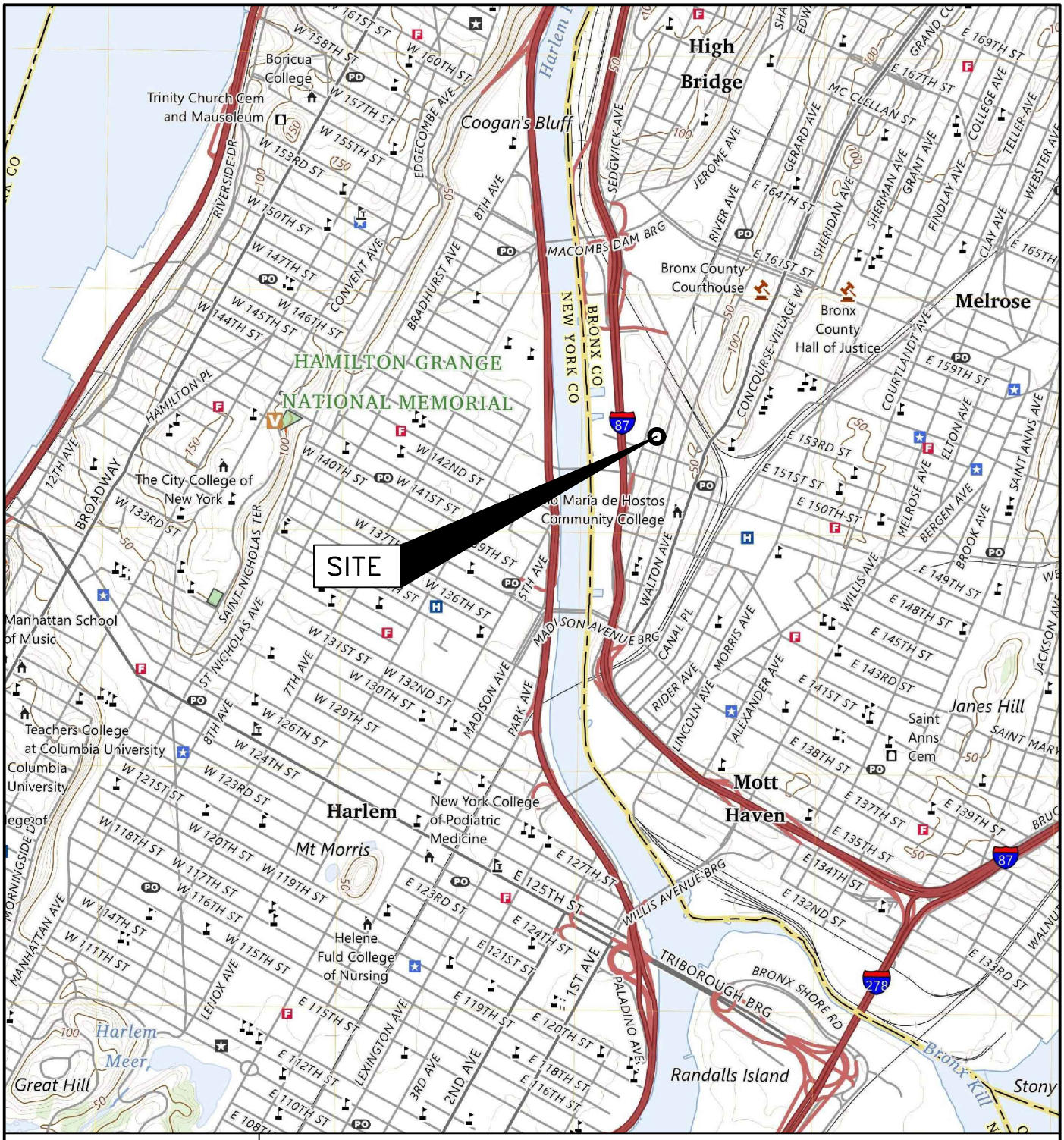
J Estimate Value. The analyte concentration is below the quantitative limit (RL), but above

U Not detected at the reported detection limit for the sample

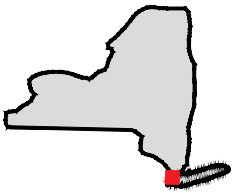
-- No Guidance Value

ug/L Results are reported in microgram per liter

FIGURES



NEW YORK



QUADRANGLE LOCATION

SOURCE:

USGS TOPOGRAPHIC MAPS: CENTRAL PARK, NY, NJ (2023). CONTOUR INTERVAL 10FT., NAVD-1988, ORIGINAL SCALE 1:24,000 (1IN.=2,000FT.).

N W E S

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101 EAST 150TH STREET
BRONX, NEW YORK, 10451

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

PREPARED FOR:
586 RIVER AVE., LLC

SITE LOCATION MAP

PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1"=2000'	1
DATE: AUGUST 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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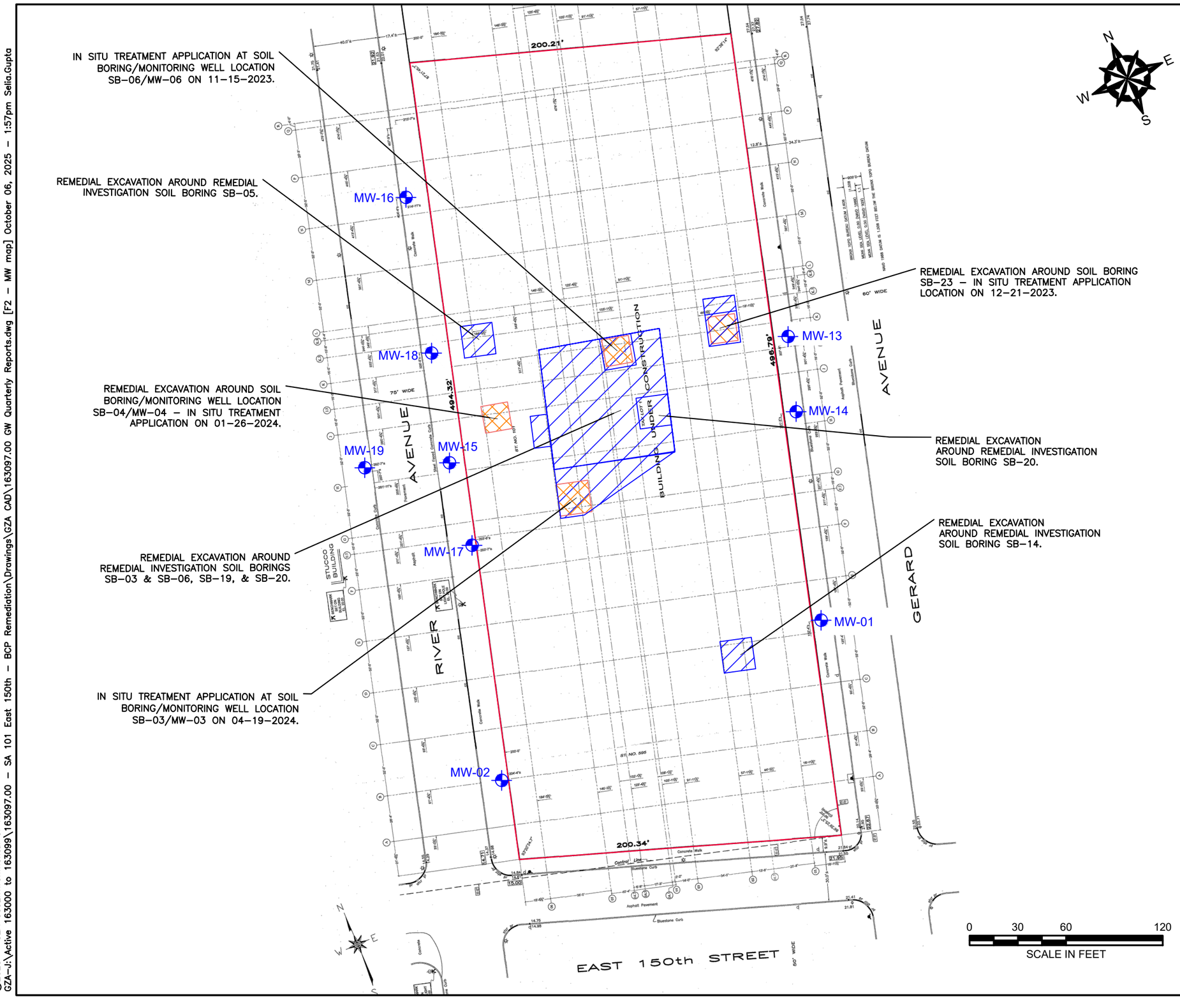
GZA–J:\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 GW Quarterly Reports.dwg [FIG 1 8.5x11] August 05, 2025 – 4:50pm Selia.Gupta



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SURVEY NO. 59727-19", PREPARED BY "MONTROSE SURVEYING CO., LLP", ORIGINAL SCALE NOT TO SCALE, DATED NO DATE.
2. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
3. BCP SITE IS BRONX BLOCK 2354 LOT 1 (2,27 ACRES)

LEGEND

- APPROXIMATE SITE BOUNDARY
- MW-01 — GROUNDWATER MONITORING WELL
- REMEDIAL EXCAVATION AREAS
- IN-SITU TREATMENT APPLICATION AREAS

NO.	ISSUE/DESCRIPTION	BY	DATE

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101 EAST 150TH STREET
BRONX, NY 10451

MONITORING WELL MAP AND IRM IN-SITU TREATMENT APPLICATION

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE, LLC	
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 2
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1" = 60'	
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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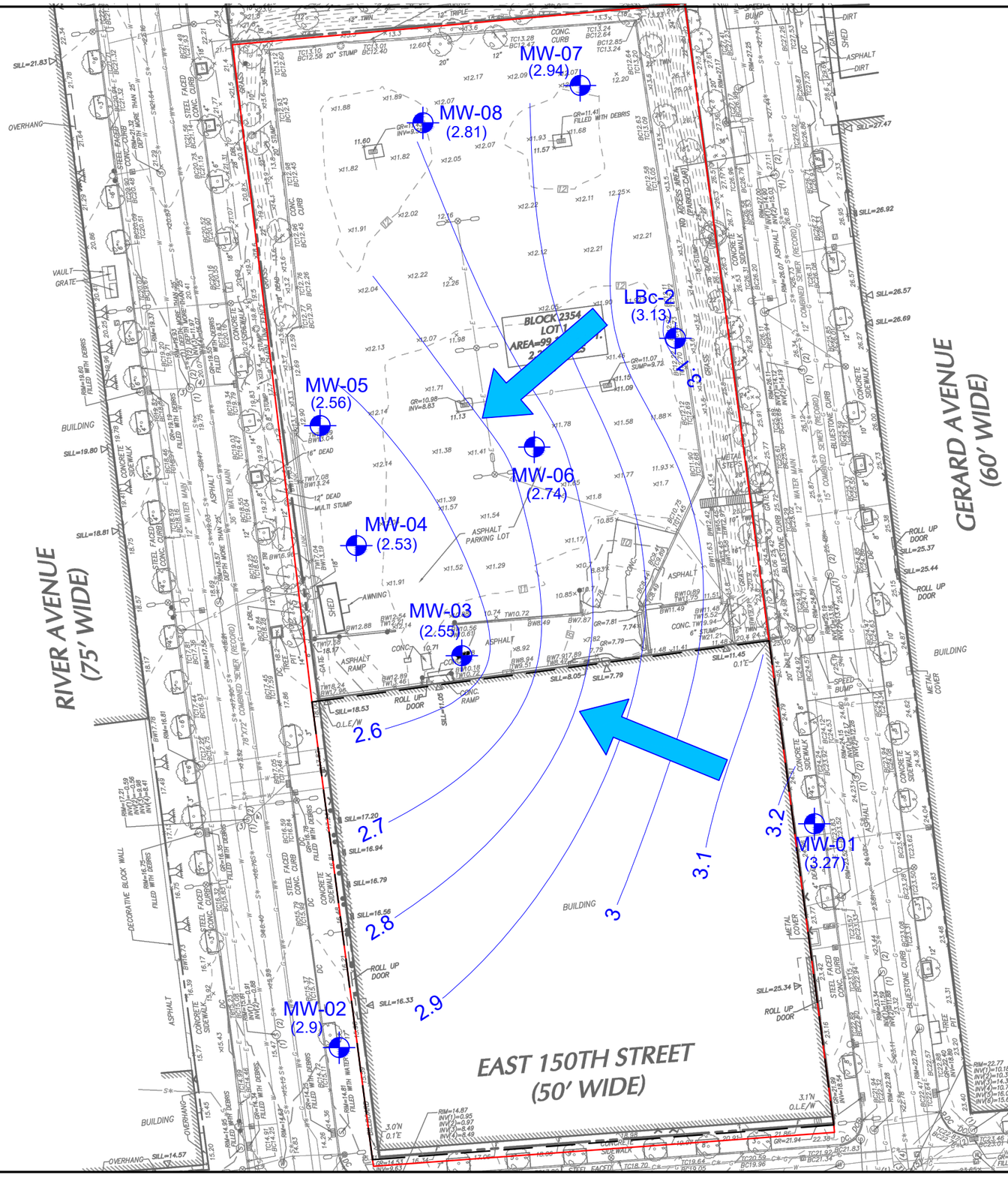
GZA-J:\Active 163000 to 163099\163097.00 - SA 101 East 150th - BCP Remediation\Drawings\GZA CAD\163097.00 GW Quarterly Reports.dwg [F2 - MW map] October 06, 2025 - 1:57pm Selia.Gupta



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "TOPOGRAPHIC BOUNDARY AND UTILITY SURVEY – SOUTH BRONX DEVELOPMENT", PREPARED BY "LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C", ORIGINAL SCALE 1"=30', DATED 06–20–2020.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF EXPLORATION LOCATIONS AND ESTIMATED GROUNDWATER CONTOURS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. GROUNDWATER ELEVATIONS WERE TAKEN BY GZA PERSONNEL USING AN OIL/WATER INTERFACE PROBE ON SEPTEMBER 15, 2022.
4. GROUNDWATER CONTOURS WERE DEVELOPED USING SURFER® SOFTWARE.
5. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LIMITS OF EXISTING BUILDING
- MW-# — APPROXIMATE PERMANENT MONITORING WELL LOCATION
- (2.94) — GROUNDWATER ELEVATION USED TO DEVELOP GROUNDWATER CONTOUR (NAVD 88)
- INFERRED GROUNDWATER FLOW DIRECTION
- 3.1 — GROUNDWATER CONTOUR WITH RELATED ELEVATION (NAVD 88)

0 25 50 100
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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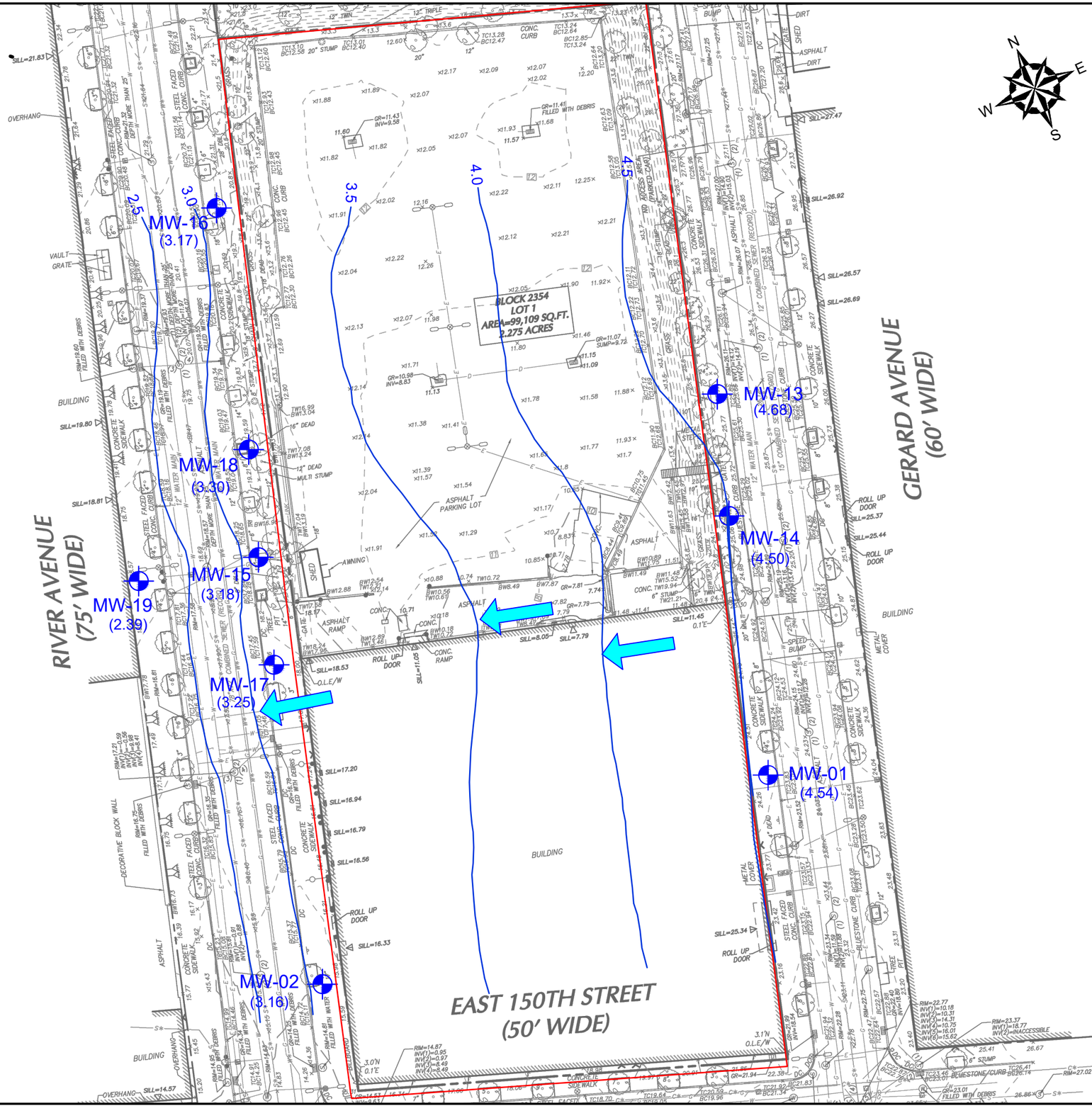
101 EAST 150TH STREET
BRONX, NEW YORK, 10451

GROUNDWATER CONTOUR MAP
BASELINE RI 2022

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE, LLC.	
PROJ MGR: RPM	REVIEWED BY: SMK	CHECKED BY: SMK	FIGURE 3
DESIGNED BY: RPM	DRAWN BY: JHB	SCALE: 1"=50'	
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO. 1 OF 1

©2021 – GZA GeoEnvironmental of NY.
G:\Active 162900 to 162999\162951.10 – SA 101 East 150th St BCP Application\Drawings\GZA CAD\41.0162951.10 Water Elevation Contour.dwg [FIG 2 – 17x11] February 17, 2025 – 12:46pm Jazlyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "TOPOGRAPHIC BOUNDARY AND UTILITY SURVEY – SOUTH BRONX DEVELOPMENT", PREPARED BY "LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C", ORIGINAL SCALE 1"–30', DATED 06–20–2020.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF EXPLORATION LOCATIONS AND ESTIMATED GROUNDWATER CONTOURS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. GROUNDWATER ELEVATIONS WERE TAKEN BY GZA PERSONNEL USING AN OIL/WATER INTERFACE PROBE ON SEPTEMBER 17, 2024.
4. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

LEGEND

- APPROXIMATE SITE BOUNDARY
- MW-01 — APPROXIMATE PERMANENT MONITORING WELL LOCATION
- (4.54) — GROUNDWATER ELEVATION USED TO DEVELOP GROUNDWATER CONTOUR (NAVD 88)
- INFERRED GROUNDWATER FLOW DIRECTION
- 2.5 — INFERRED GROUNDWATER CONTOUR WITH RELATED ELEVATION (NAVD 88)

0 25 50 100
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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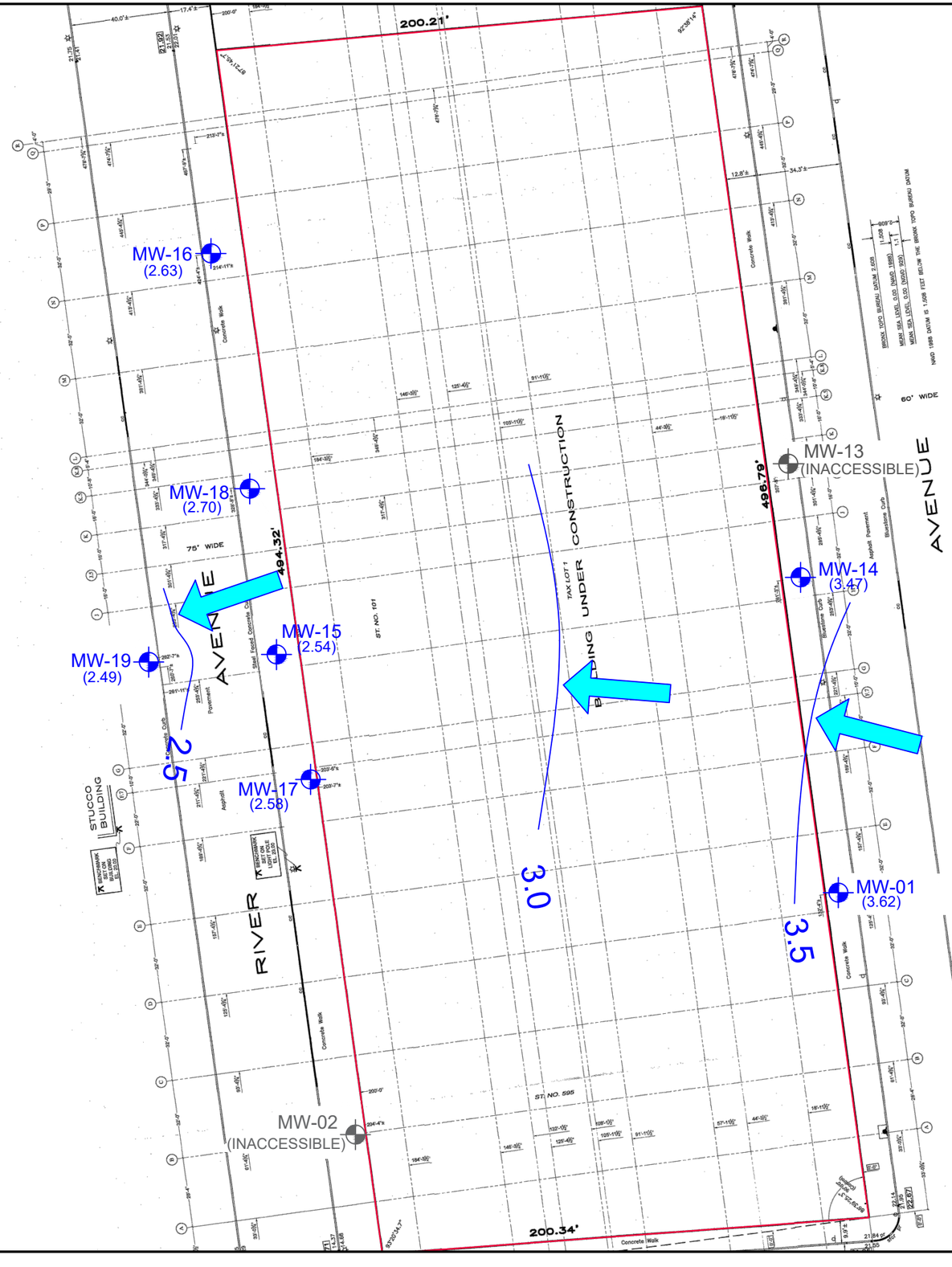
101 EAST 150TH STREET
BRONX, NEW YORK, 10451

GROUNDWATER CONTOUR MAP
1ST QUARTER MONITORING EVENT
JULY - SEPTEMBER 2024

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RPM	REVIEWED BY: RPM	CHECKED BY: SMK	FIGURE 3A
DESIGNED BY: JHB	DRAWN BY: JHB	SCALE: 1"=50'	
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

©2021 – GZA GeoEnvironmental of NY.
GZA–J:\Active 162900 to 162999\162951.10 – SA 101 East 150th St BCP Application\Drawings\GZA CAD\41.0163097.00 Contour Map_Sept 24.dwg [FIG 2 – 17x11] February 17, 2025 – 12:52pm Jaztyn.Natalie



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SURVEY NO. 59727–19", PREPARED BY "MONTROSE SURVEYING CO., LLP", ORIGINAL SCALE NOT TO SCALE, DATED NO DATE.
2. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
3. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF EXPLORATION LOCATIONS AND ESTIMATED GROUNDWATER CONTOURS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
4. GROUNDWATER ELEVATIONS WERE TAKEN BY GZA PERSONNEL USING AN OIL/WATER INTERFACE PROBE ON NOVEMBER 25, 2024.
5. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
6. GZA FIELD PERSONNEL WERE UNABLE TO ACCESS MW–02 DUE TO THE WELL BEING UNDERNEATH A CONSTRUCTION CRANE, AND UNABLE TO ACCESS MW–13 DUE TO THE WELL BEING COVERED WITH ASPHALT FOLLOWING THE WATER MAIN INSTALLATION.

LEGEND

- APPROXIMATE SITE BOUNDARY
- MW-01 — GROUNDWATER MONITORING WELL
- (3.62) — GROUNDWATER ELEVATION USED TO DEVELOP GROUNDWATER CONTOUR (NAVD88)
- INFERRED GROUNDWATER FLOW DIRECTION
- 3.5 — INFERRED GROUNDWATER CONTOUR WITH RELATED ELEVATION (NAVD88)

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NY 10451

GROUNDWATER CONTOUR MAP
2ND QUARTER MONITORING EVENT
OCTOBER - DECEMBER 2025

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE, LLC	
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 3B
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1" = 50'	
DATE: SEPT. 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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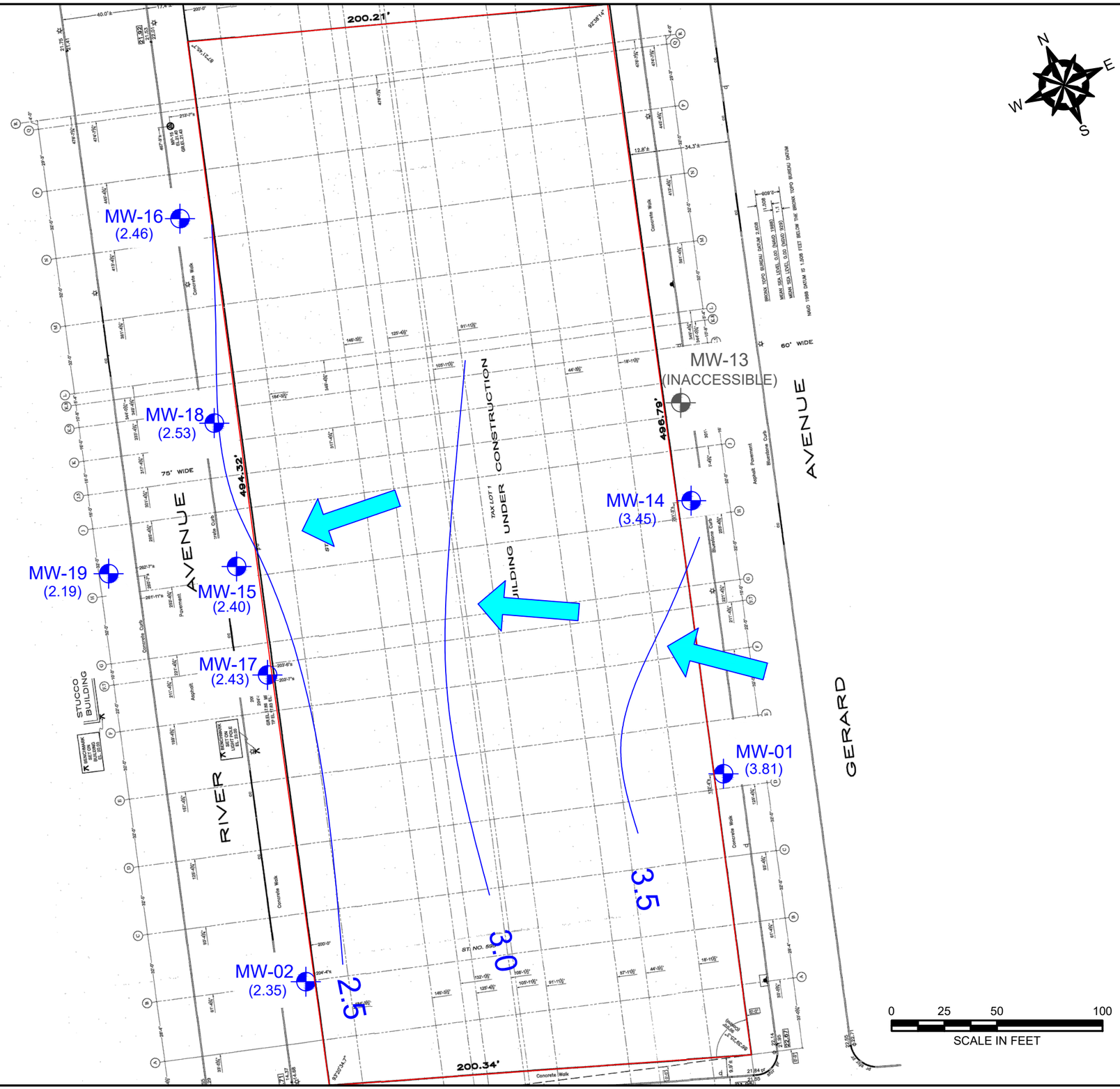
GZA–J:\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 GW Quarterly Reports.dwg [F3B–Q2 CONTOUR] September 29, 2025 – 2:57pm Selia.Gupta



GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SURVEY NO. 59727–19", PREPARED BY "MONTROSE SURVEYING CO., LLP", ORIGINAL SCALE NOT TO SCALE, DATED NO DATE.
2. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
3. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF EXPLORATION LOCATIONS AND ESTIMATED GROUNDWATER CONTOURS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
4. GROUNDWATER ELEVATIONS WERE TAKEN BY GZA PERSONNEL USING AN OIL/WATER INTERFACE PROBE ON FEBRUARY 26, 2025.
5. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
6. GZA FIELD PERSONNEL WERE UNABLE TO ACCESS MW–13 DUE TO THE WELL BEING COVERED WITH ASPHALT.

LEGEND

- APPROXIMATE SITE BOUNDARY
- MW-01 — APPROXIMATE PERMANENT MONITORING WELL LOCATION
- (3.81) — GROUNDWATER ELEVATION USED TO DEVELOP GROUNDWATER CONTOUR (NAVD 88)
- INFERRED GROUNDWATER FLOW DIRECTION
- 3.0 — GROUNDWATER CONTOUR WITH RELATED ELEVATION (NAVD 88)

NO.	ISSUE/DESCRIPTION	BY	DATE

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

101 EAST 150TH STREET
BRONX, NY 10451

GROUNDWATER CONTOUR MAP
3RD QUARTER MONITORING EVENT
JANUARY - MARCH 2025

PREPARED BY:		PREPARED FOR:	
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		586 RIVER AVE, LLC	
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 3C
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1" = 50'	
DATE: SEPT. 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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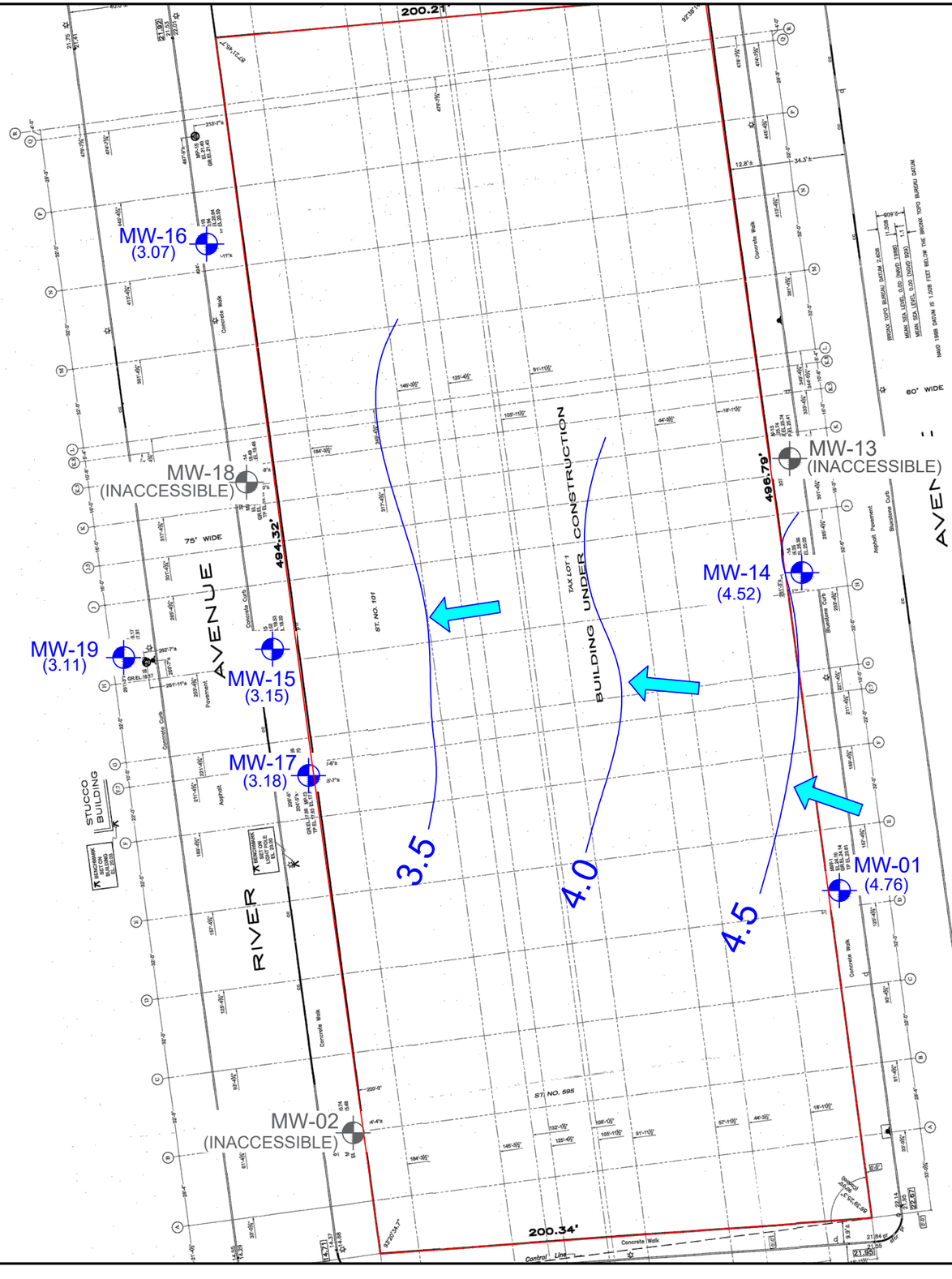
GZA–J:\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 GW Quarterly Reports.dwg [F3C–Q3 CONTOUR] September 29, 2025 – 2:58pm Selia.Gupta



0 25 50 100

SCALE IN FEET

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SURVEY NO. 59727–19", PREPARED BY "MONTROSE SURVEYING CO., LLP", ORIGINAL SCALE NOT TO SCALE, DATED NO DATE.
2. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
3. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF EXPLORATION LOCATIONS AND ESTIMATED GROUNDWATER CONTOURS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
4. GROUNDWATER ELEVATIONS WERE TAKEN BY GZA PERSONNEL USING AN OIL/WATER INTERFACE PROBE ON MAY 22, 2025.
5. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
6. GZA FIELD PERSONNEL WERE UNABLE TO ACCESS MW–02, MW–13, AND MW–18 DUE TO THEM BEING COVERED WITH CONSTRUCTION EQUIPMENT.

LEGEND

- APPROXIMATE SITE BOUNDARY
- MW-01 — APPROXIMATE PERMANENT MONITORING WELL LOCATION
- (3.81) — GROUNDWATER ELEVATION USED TO DEVELOP GROUNDWATER CONTOUR (NAVD 88)
- INFERRED GROUNDWATER FLOW DIRECTION
- 3.0 — GROUNDWATER CONTOUR WITH RELATED ELEVATION (NAVD 88)

NO.	ISSUE/DESCRIPTION	BY	DATE

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101 EAST 150TH STREET
BRONX, NY 10451

GROUNDWATER CONTOUR MAP
4TH QUARTER MONITORING EVENT
APRIL - JUNE 2025

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE, LLC	
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 3D
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1" = 50'	
DATE: SEPT. 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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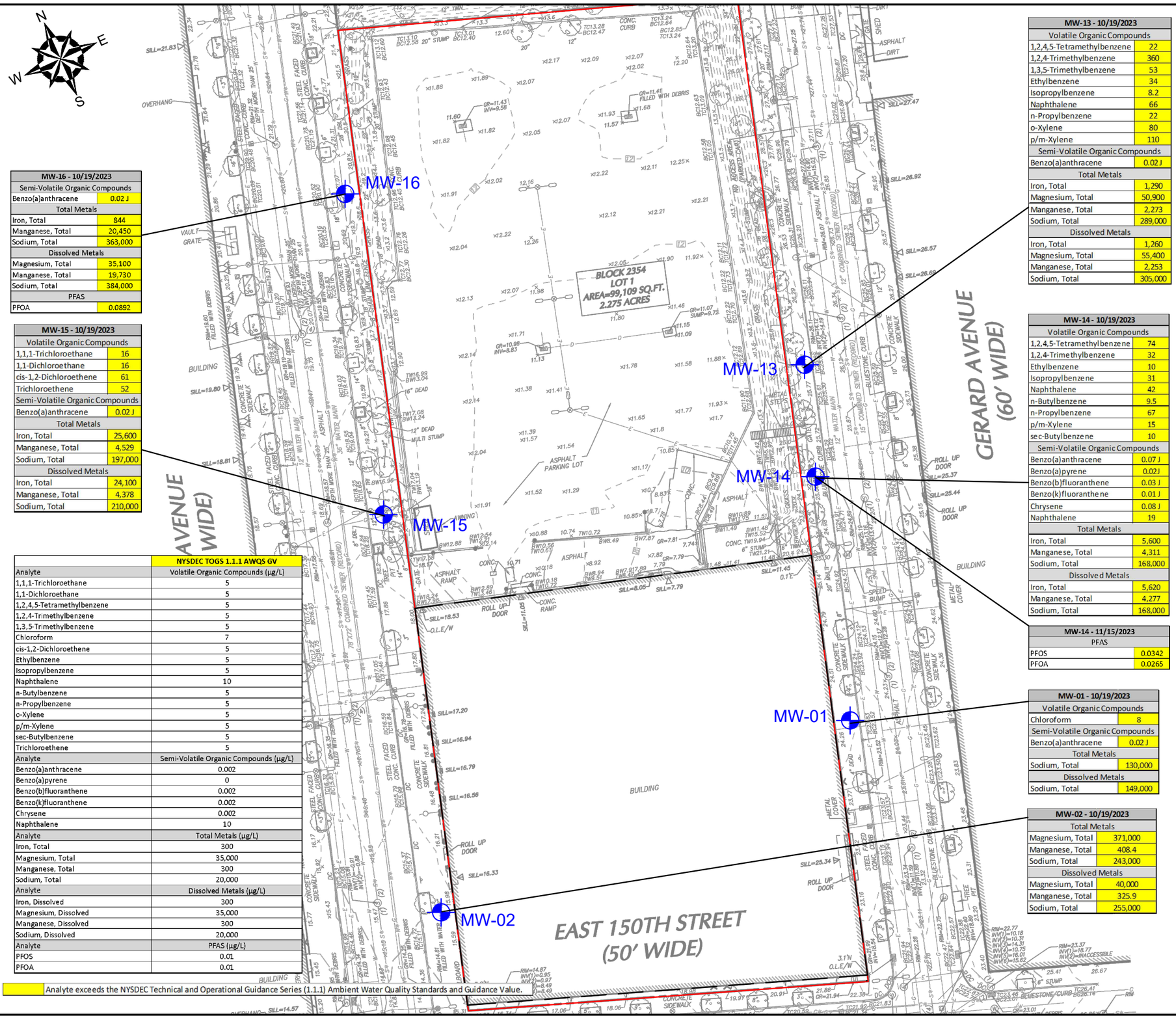
GZA–J:\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 GW Quarterly Reports.dwg [F3D–Q4 CONTOUR] September 29, 2025 – 2:58pm Selia.Gupta



MW-16 - 10/19/2023	
Semi-Volatile Organic Compounds	
Benzo(a)anthracene	0.02 J
Total Metals	
Iron, Total	844
Manganese, Total	20,450
Sodium, Total	363,000
Dissolved Metals	
Magnesium, Total	35,100
Manganese, Total	19,730
Sodium, Total	384,000
PFAS	
PFOA	0.0892

MW-15 - 10/19/2023	
Volatile Organic Compounds	
1,1,1-Trichloroethane	16
1,1-Dichloroethane	16
cis-1,2-Dichloroethene	61
Trichloroethene	52
Semi-Volatile Organic Compounds	
Benzo(a)anthracene	0.02 J
Total Metals	
Iron, Total	25,600
Manganese, Total	4,529
Sodium, Total	197,000
Dissolved Metals	
Iron, Total	24,100
Manganese, Total	4,378
Sodium, Total	210,000

	NYSDEC TOGS 1.1.1 AWQS GV
Analyte	Volatile Organic Compounds (µg/L)
1,1,1-Trichloroethane	5
1,1-Dichloroethane	5
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene	5
Chloroform	7
cis-1,2-Dichloroethene	5
Ethylbenzene	5
Isopropylbenzene	5
Naphthalene	10
n-Butylbenzene	5
n-Propylbenzene	5
o-Xylene	5
p/m-Xylene	5
sec-Butylbenzene	5
Trichloroethene	5
Analyte	Semi-Volatile Organic Compounds (µg/L)
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Naphthalene	10
Analyte	Total Metals (µg/L)
Iron, Total	300
Magnesium, Total	35,000
Manganese, Total	300
Sodium, Total	20,000
Analyte	Dissolved Metals (µg/L)
Iron, Dissolved	300
Magnesium, Dissolved	35,000
Manganese, Dissolved	300
Sodium, Dissolved	20,000
Analyte	PFAS (µg/L)
PFOS	0.01
PFOA	0.01

Analyte exceeds the NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Value.

MW-13 - 10/19/2023	
Volatile Organic Compounds	
1,2,4,5-Tetramethylbenzene	22
1,2,4-Trimethylbenzene	360
1,3,5-Trimethylbenzene	53
Ethylbenzene	34
Isopropylbenzene	8.2
Naphthalene	66
n-Propylbenzene	22
o-Xylene	80
p/m-Xylene	110
Semi-Volatile Organic Compounds	
Benzo(a)anthracene	0.02 J
Total Metals	
Iron, Total	1,290
Magnesium, Total	50,900
Manganese, Total	2,273
Sodium, Total	289,000
Dissolved Metals	
Iron, Total	1,260
Magnesium, Total	55,400
Manganese, Total	2,253
Sodium, Total	305,000

MW-14 - 10/19/2023	
Volatile Organic Compounds	
1,2,4,5-Tetramethylbenzene	74
1,2,4-Trimethylbenzene	32
Ethylbenzene	10
Isopropylbenzene	31
Naphthalene	42
n-Butylbenzene	9.5
n-Propylbenzene	67
p/m-Xylene	15
sec-Butylbenzene	10
Semi-Volatile Organic Compounds	
Benzo(a)anthracene	0.07 J
Benzo(a)pyrene	0.02J
Benzo(b)fluoranthene	0.03 J
Benzo(k)fluoranthene	0.01 J
Chrysene	0.08 J
Naphthalene	19
Total Metals	
Iron, Total	5,600
Manganese, Total	4,311
Sodium, Total	168,000
Dissolved Metals	
Iron, Total	5,620
Manganese, Total	4,277
Sodium, Total	168,000

MW-14 - 11/15/2023	
PFAS	
PFOS	0.0342
PFOA	0.0265

MW-01 - 10/19/2023	
Volatile Organic Compounds	
Chloroform	8
Semi-Volatile Organic Compounds	
Benzo(a)anthracene	0.02 J
Total Metals	
Sodium, Total	130,000
Dissolved Metals	
Sodium, Total	149,000

MW-02 - 10/19/2023	
Total Metals	
Magnesium, Total	371,000
Manganese, Total	408.4
Sodium, Total	243,000
Dissolved Metals	
Magnesium, Total	40,000
Manganese, Total	325.9
Sodium, Total	255,000

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "TOPOGRAPHIC BOUNDARY AND UTILITY SURVEY – SOUTH BRONX DEVELOPMENT", PREPARED BY "LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C", ORIGINAL SCALE 1"–30', DATED 06–20–2020.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF EXPLORATION LOCATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. ALL UNITS ARE IN MICROGRAMS PER LITER (µG/L). SAMPLING DATES ARE SHOWN NEXT TO THE SAMPLE ID IN MM/DD/YYYY FORMAT.
5. LAB QUALIFIERS ARE SHOWN NEXT TO THE ANALYTE CONCENTRATION, IF APPLICABLE (I.E. 0.02 (J)). LAB QUALIFIER DESCRIPTIONS ARE DESCRIBED IN THE LABORATORY ANALYTICAL REPORTS.

LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LIMITS OF EXISTING BUILDING
- MW-14 — APPROXIMATE PERMANENT MONITORING WELL LOCATION

0 25 50 100

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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101 EAST 150TH STREET
BRONX, NEW YORK, 10451

GROUNDWATER ANALYTICAL RESULTS
BASELINE (OCTOBER 2023)

PREPARED BY:	PREPARED FOR:		
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com	586 RIVER AVE., LLC		
PROJ MGR: RPM	REVIEWED BY: RPM	CHECKED BY: SMK	FIGURE 4
DESIGNED BY: RPM	DRAWN BY: JHB	SCALE: 1"=50'	
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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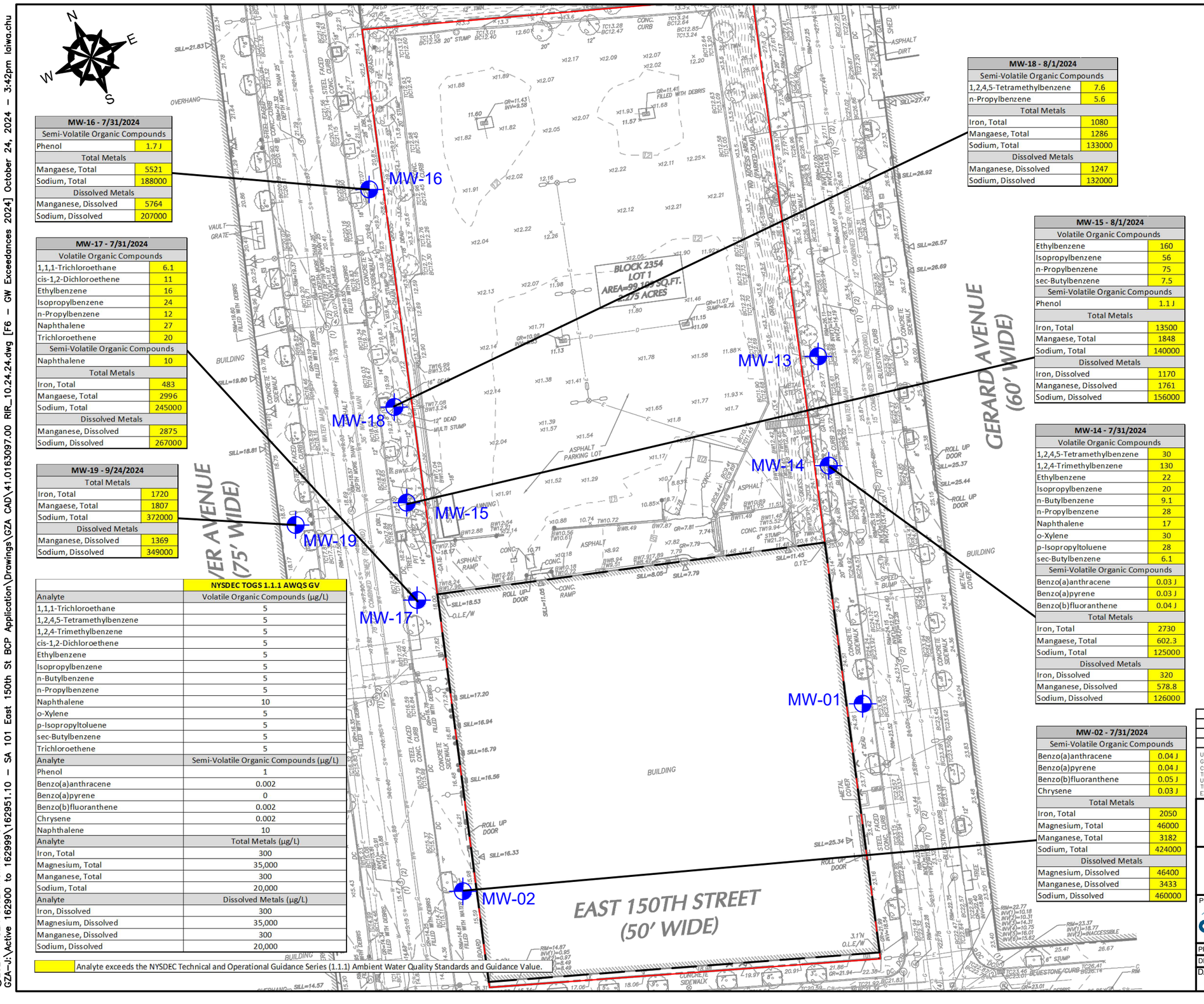
GZA–J:\Active 162900 to 162999\162951.10 – SA 101 East 150th St BCP Application\Drawings\GZA CAD\41.0163097.00 Supplemental RIR_jn.dwg [F6 – GW Exceedances] October 30, 2024 – 4:27pm Jazlyn.Natalie



MW-16 - 7/31/2024	
Semi-Volatile Organic Compounds	
Phenol	1.7 J
Total Metals	
Mangaese, Total	5521
Sodium, Total	188000
Dissolved Metals	
Manganese, Dissolved	5764
Sodium, Dissolved	207000

MW-17 - 7/31/2024	
Volatile Organic Compounds	
1,1,1-Trichloroethane	6.1
cis-1,2-Dichloroethene	11
Ethylbenzene	16
Isopropylbenzene	24
n-Propylbenzene	12
Naphthalene	27
Trichloroethene	20
Semi-Volatile Organic Compounds	
Naphthalene	10
Total Metals	
Iron, Total	483
Mangaese, Total	2996
Sodium, Total	245000
Dissolved Metals	
Manganese, Dissolved	2875
Sodium, Dissolved	267000

MW-19 - 9/24/2024	
Total Metals	
Iron, Total	1720
Mangaese, Total	1807
Sodium, Total	372000
Dissolved Metals	
Manganese, Dissolved	1369
Sodium, Dissolved	349000

	NYSDEC TOGS 1.1.1 AWQS GV
Analyte	Volatile Organic Compounds (µg/L)
1,1,1-Trichloroethane	5
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
cis-1,2-Dichloroethene	5
Ethylbenzene	5
Isopropylbenzene	5
n-Butylbenzene	5
n-Propylbenzene	5
Naphthalene	10
o-Xylene	5
p-Isopropyltoluene	5
sec-Butylbenzene	5
Trichloroethene	5
Analyte	Semi-Volatile Organic Compounds (µg/L)
Phenol	1
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Chrysene	0.002
Naphthalene	10
Analyte	Total Metals (µg/L)
Iron, Total	300
Magnesium, Total	35,000
Manganese, Total	300
Sodium, Total	20,000
Analyte	Dissolved Metals (µg/L)
Iron, Dissolved	300
Magnesium, Dissolved	35,000
Manganese, Dissolved	300
Sodium, Dissolved	20,000

Analyte exceeds the NYSDEC Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Value.

MW-18 - 8/1/2024	
Semi-Volatile Organic Compounds	
1,2,4,5-Tetramethylbenzene	7.6
n-Propylbenzene	5.6
Total Metals	
Iron, Total	1080
Mangaese, Total	1286
Sodium, Total	133000
Dissolved Metals	
Manganese, Dissolved	1247
Sodium, Dissolved	132000

MW-15 - 8/1/2024	
Volatile Organic Compounds	
Ethylbenzene	160
Isopropylbenzene	56
n-Propylbenzene	75
sec-Butylbenzene	7.5
Semi-Volatile Organic Compounds	
Phenol	1.1 J
Total Metals	
Iron, Total	13500
Mangaese, Total	1848
Sodium, Total	140000
Dissolved Metals	
Iron, Dissolved	1170
Manganese, Dissolved	1761
Sodium, Dissolved	156000

MW-14 - 7/31/2024	
Volatile Organic Compounds	
1,2,4,5-Tetramethylbenzene	30
1,2,4-Trimethylbenzene	130
Ethylbenzene	22
Isopropylbenzene	20
n-Butylbenzene	9.1
n-Propylbenzene	28
Naphthalene	17
o-Xylene	30
p-Isopropyltoluene	28
sec-Butylbenzene	6.1
Semi-Volatile Organic Compounds	
Benzo(a)anthracene	0.03 J
Benzo(a)pyrene	0.03 J
Benzo(b)fluoranthene	0.04 J
Total Metals	
Iron, Total	2730
Mangaese, Total	602.3
Sodium, Total	125000
Dissolved Metals	
Iron, Dissolved	320
Manganese, Dissolved	578.8
Sodium, Dissolved	126000

MW-02 - 7/31/2024	
Semi-Volatile Organic Compounds	
Benzo(a)anthracene	0.04 J
Benzo(a)pyrene	0.04 J
Benzo(b)fluoranthene	0.05 J
Chrysene	0.03 J
Total Metals	
Iron, Total	2050
Magnesium, Total	46000
Manganese, Total	3182
Sodium, Total	424000
Dissolved Metals	
Magnesium, Dissolved	46400
Manganese, Dissolved	3433
Sodium, Dissolved	460000

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "TOPOGRAPHIC BOUNDARY AND UTILITY SURVEY – SOUTH BRONX DEVELOPMENT", PREPARED BY "LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING, LANDSCAPE ARCHITECTURE AND GEOLOGY, D.P.C", ORIGINAL SCALE 1"=30', DATED 06-20-2020.
2. THE PURPOSE OF THIS DRAWING IS TO LOCATE, DESCRIBE, AND REPRESENT THE POSITIONS OF EXPLORATION LOCATIONS IN RELATION TO THE SUBJECT SITE. THIS DRAWING IS NOT CONSIDERED A LAND SURVEY. THE LOCATIONS SHOWN SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.
3. ALL ELEVATIONS GIVEN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
4. ALL UNITS ARE IN MICROGRAMS PER LITER (µG/L). SAMPLING DATES ARE SHOWN NEXT TO THE SAMPLE ID IN MM/DD/YYYY FORMAT.
5. LAB QUALIFIERS ARE SHOWN NEXT TO THE ANALYTE CONCENTRATION, IF APPLICABLE (I.E. 0.02 (J)). LAB QUALIFIER DESCRIPTIONS ARE DESCRIBED IN THE LABORATORY ANALYTICAL REPORTS.

LEGEND

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LIMITS OF EXISTING BUILDING
- MW-14 — APPROXIMATE PERMANENT MONITORING WELL LOCATION

0 25 50 100

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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101 EAST 150TH STREET
BRONX, NEW YORK, 10451

GROUNDWATER ANALYTICAL RESULTS
QUARTER 1 (JULY - SEPTEMBER 2024)

PREPARED BY:	PREPARED FOR:		
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com	586 RIVER AVE., LLC		
PROJ MGR: RPM	REVIEWED BY: RPM	CHECKED BY: SMK	FIGURE 4A
DESIGNED BY: RPM	DRAWN BY: LWC	SCALE: 1"=50'	
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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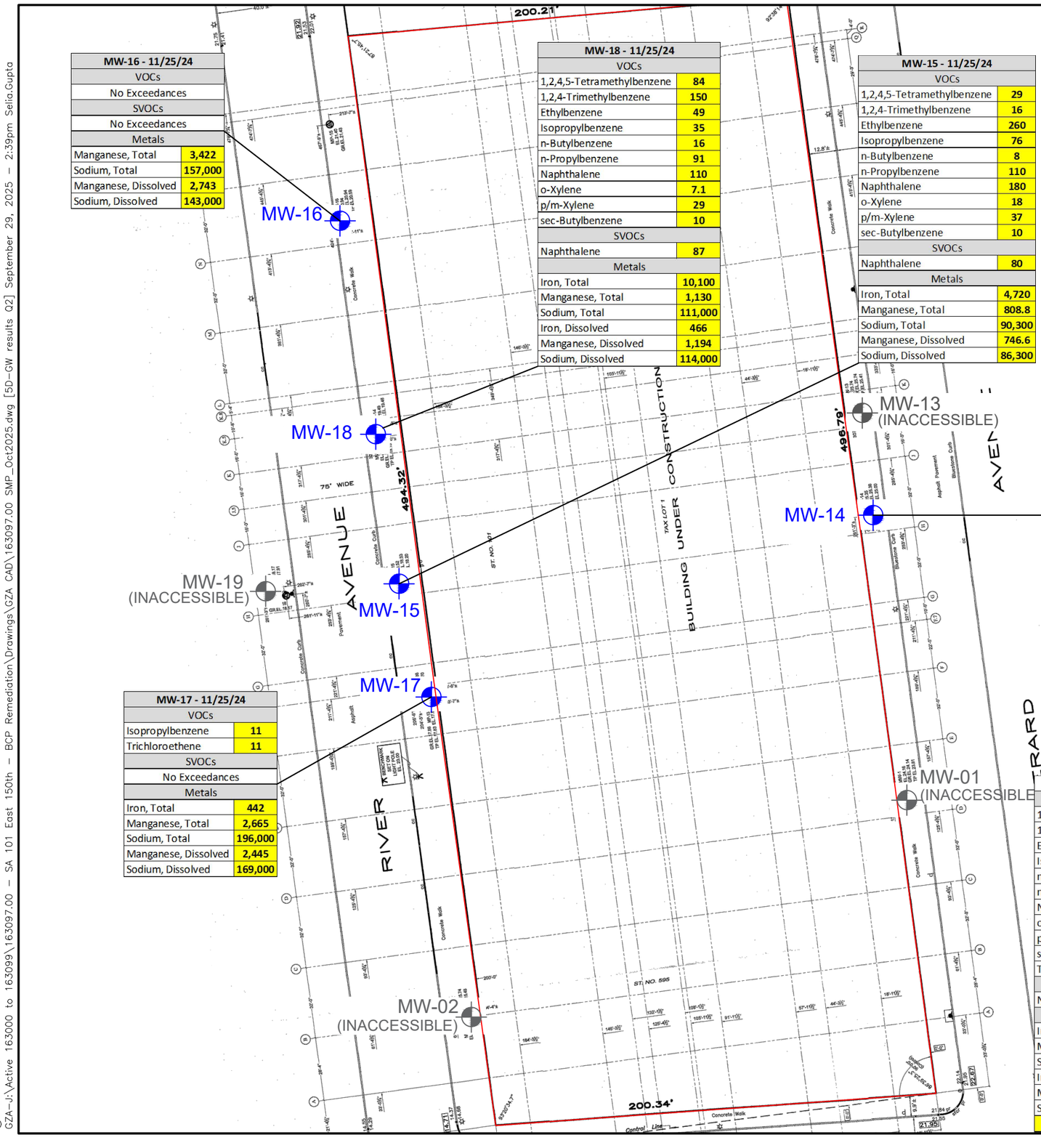
GZA-J:\Active 162900 to 162999\162951.10 – SA 101 East 150th St BCP Application\Drawings\GZA CAD\41.0163097.00 RIR_10.24.24.dwg [F6 – GW Exceedances 2024] October 24, 2024 – 3:42pm laiwa.chu



MW-16 - 11/25/24	
VOCs	
No Exceedances	
SVOCs	
No Exceedances	
Metals	
Manganese, Total	3,422
Sodium, Total	157,000
Manganese, Dissolved	2,743
Sodium, Dissolved	143,000

MW-18 - 11/25/24	
VOCs	
1,2,4,5-Tetramethylbenzene	84
1,2,4-Trimethylbenzene	150
Ethylbenzene	49
Isopropylbenzene	35
n-Butylbenzene	16
n-Propylbenzene	91
Naphthalene	110
o-Xylene	7.1
p/m-Xylene	29
sec-Butylbenzene	10
SVOCs	
Naphthalene	87
Metals	
Iron, Total	10,100
Manganese, Total	1,130
Sodium, Total	111,000
Iron, Dissolved	466
Manganese, Dissolved	1,194
Sodium, Dissolved	114,000

MW-15 - 11/25/24	
VOCs	
1,2,4,5-Tetramethylbenzene	29
1,2,4-Trimethylbenzene	16
Ethylbenzene	260
Isopropylbenzene	76
n-Butylbenzene	8
n-Propylbenzene	110
Naphthalene	180
o-Xylene	18
p/m-Xylene	37
sec-Butylbenzene	10
SVOCs	
Naphthalene	80
Metals	
Iron, Total	4,720
Manganese, Total	808.8
Sodium, Total	90,300
Manganese, Dissolved	746.6
Sodium, Dissolved	86,300

MW-14 - 11/25/24	
VOCs	
1,2,4,5-Tetramethylbenzene	41
1,2,4-Trimethylbenzene	690
Ethylbenzene	98
Isopropylbenzene	60
n-Butylbenzene	8.5
n-Propylbenzene	99
Naphthalene	32
o-Xylene	120
p/m-Xylene	34
sec-Butylbenzene	9.9
SVOCs	
No Exceedances	
Metals	
Iron, Total	4,170
Manganese, Total	1,424
Sodium, Total	117,000
Manganese, Dissolved	1,352
Sodium, Dissolved	108,000

MW-17 - 11/25/24	
VOCs	
Isopropylbenzene	11
Trichloroethene	11
SVOCs	
No Exceedances	
Metals	
Iron, Total	442
Manganese, Total	2,665
Sodium, Total	196,000
Manganese, Dissolved	2,445
Sodium, Dissolved	169,000

	NYSDEC TOGS 1.1.1 AWQS GV
Analyte	Volatile Organic Compounds (ug/L)
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
Ethylbenzene	5
Isopropylbenzene	5
n-Butylbenzene	5
n-Propylbenzene	5
Naphthalene	10
o-Xylene	5
p/m-Xylene	5
sec-Butylbenzene	5
Trichloroethene	5
Analyte	Semivolatile Organic Compounds (ug/L)
Naphthalene	10
Analyte	Metals (ug/L)
Iron, Total	300
Manganese, Total	300
Sodium, Total	20000
Iron, Dissolved	300
Manganese, Dissolved	300
Sodium, Dissolved	20000

Value exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SURVEY NO. 59727–19", PREPARED BY "MONTROSE SURVEYING CO., LLP", ORIGINAL SCALE NOT TO SCALE, DATED NO DATE.
2. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
3. SEE LABORATORY REPORTS FOR ADDITIONAL INFORMATION, INCLUDING QUALIFIER DESCRIPTIONS.
4. GZA FIELD PERSONNEL DID NOT SAMPLE, OR WERE UNABLE TO ACCESS MW–01, MW–02, MW–13, AND MW–19 DUE TO WELLS BEING UNDERNEATH CONSTRUCTION EQUIPMENT.

LEGEND

APPROXIMATE SITE BOUNDARY

MW-01 APPROXIMATE PERMANENT MONITORING WELL LOCATION

0 25 50 100
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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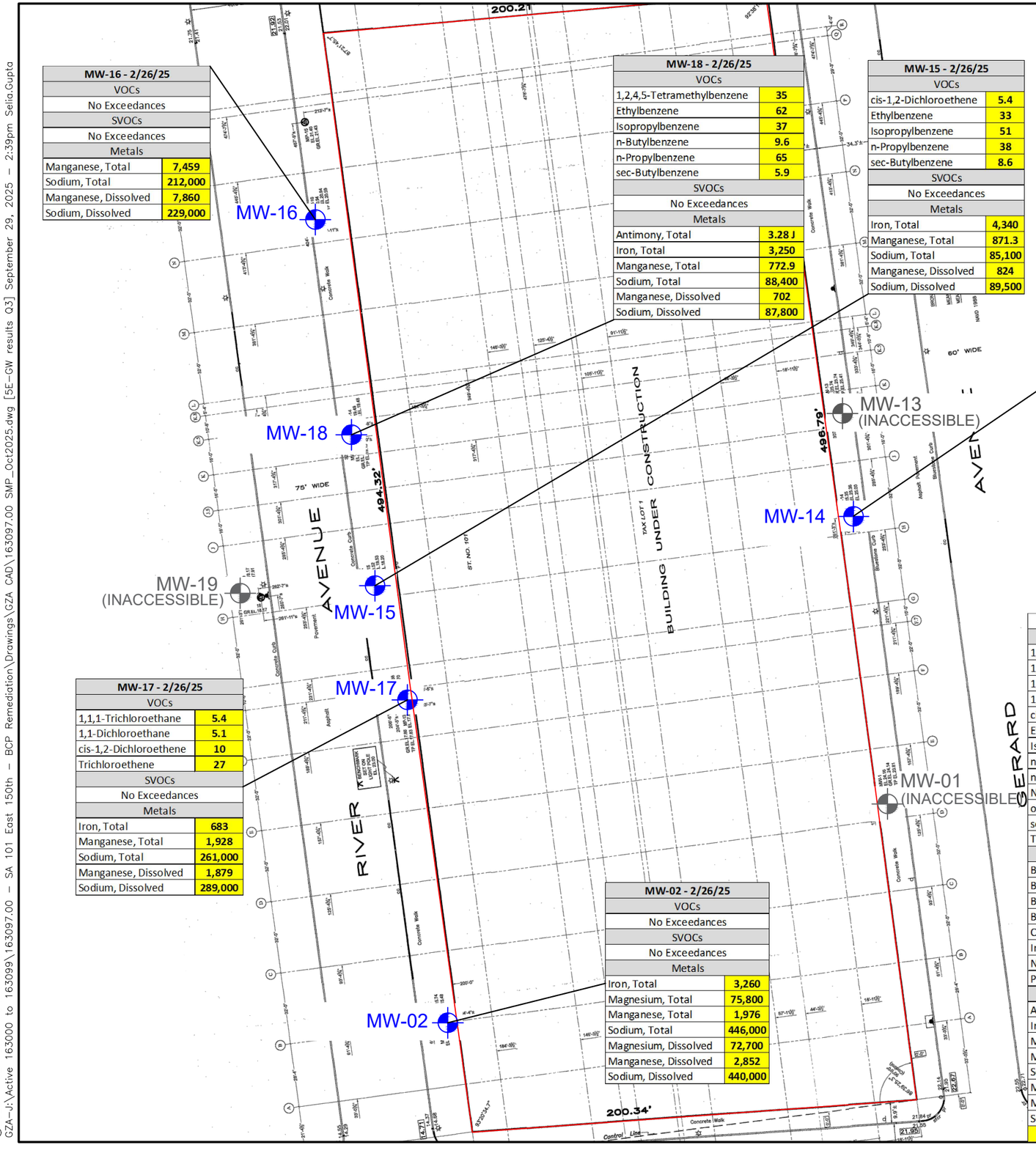
101 EAST 150TH STREET
BRONX, NEW YORK, 10451

GROUNDWATER ANALYTICAL RESULTS
QUARTER 2 (OCTOBER - DECEMBER 2024)

PREPARED BY:	PREPARED FOR:		
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com	586 RIVER AVE., LLC		
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 4B
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1" = 50'	
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

©2025 – GZA GeoEnvironmental of NY.
G:\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 SMP_Oct2025.dwg [5D–GW results Q2] September 29, 2025 – 2:39pm Selia.Gupta



MW-16 - 2/26/25	
VOCs	
No Exceedances	
SVOCs	
No Exceedances	
Metals	
Manganese, Total	7,459
Sodium, Total	212,000
Manganese, Dissolved	7,860
Sodium, Dissolved	229,000

MW-18 - 2/26/25	
VOCs	
1,2,4,5-Tetramethylbenzene	35
Ethylbenzene	62
Isopropylbenzene	37
n-Butylbenzene	9.6
n-Propylbenzene	65
sec-Butylbenzene	5.9
SVOCs	
No Exceedances	
Metals	
Antimony, Total	3.28 J
Iron, Total	3,250
Manganese, Total	772.9
Sodium, Total	88,400
Manganese, Dissolved	702
Sodium, Dissolved	87,800

MW-15 - 2/26/25	
VOCs	
cis-1,2-Dichloroethene	5.4
Ethylbenzene	33
Isopropylbenzene	51
n-Propylbenzene	38
sec-Butylbenzene	8.6
SVOCs	
No Exceedances	
Metals	
Iron, Total	4,340
Manganese, Total	871.3
Sodium, Total	85,100
Manganese, Dissolved	824
Sodium, Dissolved	89,500

MW-14 - 2/27/25	
VOCs	
1,2,4,5-Tetramethylbenzene	80
1,2,4-Trimethylbenzene	500
Ethylbenzene	85
Isopropylbenzene	54
n-Butylbenzene	12
n-Propylbenzene	110
Naphthalene	16
o-Xylene	13
sec-Butylbenzene	14
SVOCs	
Benzo(a)anthracene	0.06
Benzo(a)pyrene	0.05
Benzo(b)fluoranthene	0.06
Benzo(k)fluoranthene	0.04
Chrysene	0.05
Indeno(1,2,3-cd)pyrene	0.07
Naphthalene	14
Phenol	1.4
Metals	
Iron, Total	5,720
Magnesium, Total	39,600
Manganese, Total	1,881
Sodium, Total	195,000
Magnesium, Dissolved	45,900
Manganese, Dissolved	2,653
Sodium, Dissolved	203,000

MW-17 - 2/26/25	
VOCs	
1,1,1-Trichloroethane	5.4
1,1-Dichloroethane	5.1
cis-1,2-Dichloroethene	10
Trichloroethene	27
SVOCs	
No Exceedances	
Metals	
Iron, Total	683
Manganese, Total	1,928
Sodium, Total	261,000
Manganese, Dissolved	1,879
Sodium, Dissolved	289,000

MW-02 - 2/26/25	
VOCs	
No Exceedances	
SVOCs	
No Exceedances	
Metals	
Iron, Total	3,260
Magnesium, Total	75,800
Manganese, Total	1,976
Sodium, Total	446,000
Magnesium, Dissolved	72,700
Manganese, Dissolved	2,852
Sodium, Dissolved	440,000

	NYSDEC TOGS 1.1.1 AWQS GV
Analyte	Volatile Organic Compounds (ug/L)
1,1,1-Trichloroethane	5
1,1-Dichloroethane	5
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
cis-1,2-Dichloroethene	5
Ethylbenzene	5
Isopropylbenzene	5
n-Butylbenzene	5
n-Propylbenzene	5
Naphthalene	10
o-Xylene	5
sec-Butylbenzene	5
Trichloroethene	5
Analyte	Semivolatile Organic Compounds (ug/L)
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Naphthalene	10
Phenol	1
Analyte	Metals (ug/L)
Antimony, Total	3
Iron, Total	300
Magnesium, Total	35000
Manganese, Total	300
Sodium, Total	20000
Magnesium, Dissolved	35000
Manganese, Dissolved	300
Sodium, Dissolved	20000

Value exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SURVEY NO. 59727–19", PREPARED BY "MONTROSE SURVEYING CO., LLP", ORIGINAL SCALE NOT TO SCALE, DATED NO DATE.
2. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
3. SEE LABORATORY REPORTS FOR ADDITIONAL INFORMATION, INCLUDING QUALIFIER DESCRIPTIONS.
4. GZA FIELD PERSONNEL DID NOT SAMPLE, OR WERE UNABLE TO ACCESS MW–01, MW–13, AND MW–19 DUE TO WELLS BEING UNDERNEATH CONSTRUCTION EQUIPMENT.

LEGEND

APPROXIMATE SITE BOUNDARY

MW-01 APPROXIMATE PERMANENT MONITORING WELL LOCATION

0 25 50 100
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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101 EAST 150TH STREET
BRONX, NEW YORK, 10451

GROUNDWATER ANALYTICAL RESULTS QUARTER 3 (JANUARY - MARCH 2025)

PREPARED BY:	PREPARED FOR:		
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com	586 RIVER AVE., LLC		
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1" = 50'	4C
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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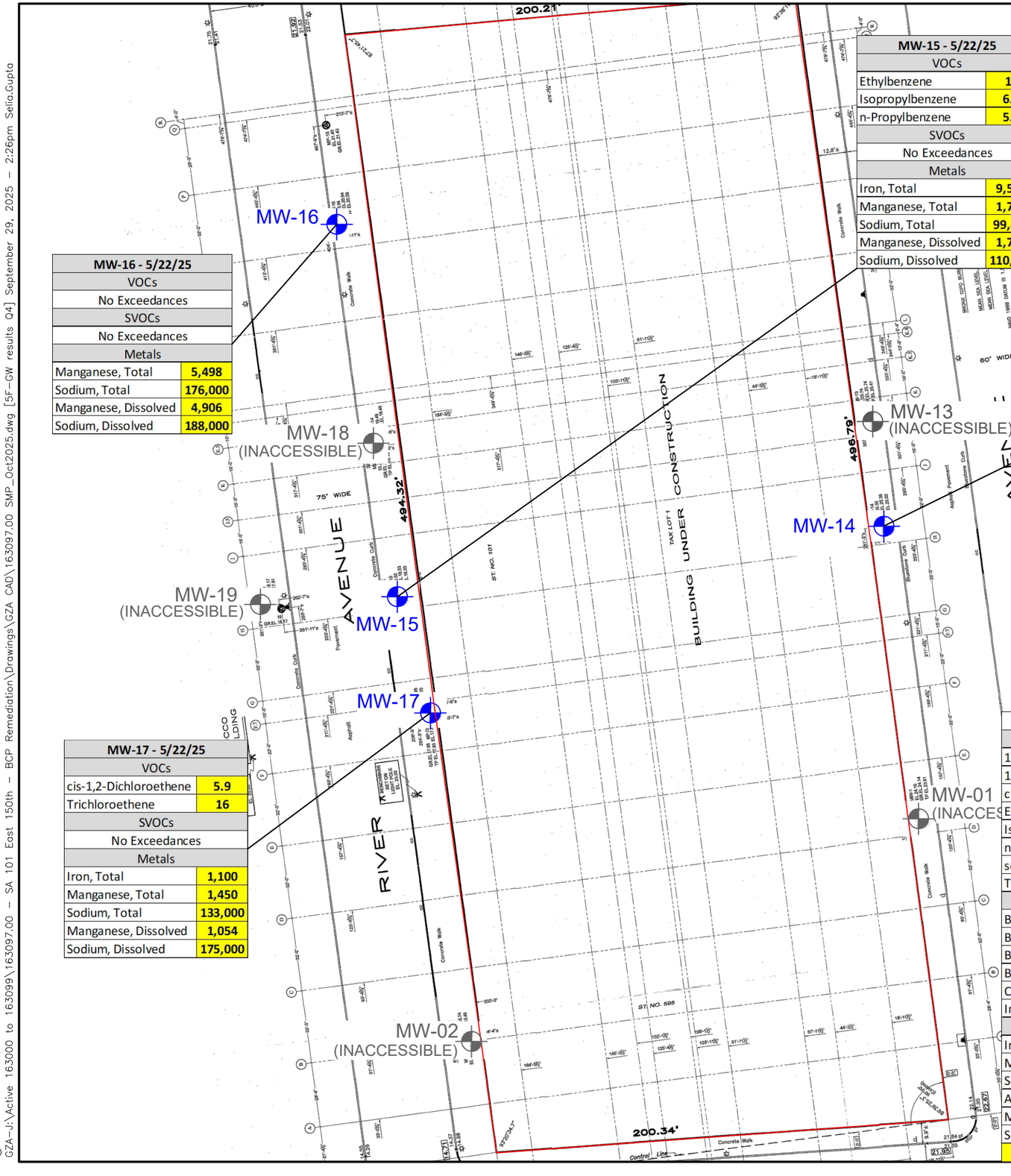
GZA–J:\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 SMP_Oct2025.dwg [5E–GW results Q3] September 29, 2025 – 2:39pm Selia.Gupta



MW-16 - 5/22/25	
VOCs	
No Exceedances	
SVOCs	
No Exceedances	
Metals	
Manganese, Total	5,498
Sodium, Total	176,000
Manganese, Dissolved	4,906
Sodium, Dissolved	188,000

MW-15 - 5/22/25	
VOCs	
Ethylbenzene	10
Isopropylbenzene	6.8
n-Propylbenzene	5.5
SVOCs	
No Exceedances	
Metals	
Iron, Total	9,500
Manganese, Total	1,734
Sodium, Total	99,400
Manganese, Dissolved	1,754
Sodium, Dissolved	110,000

MW-14 - 5/22/25	
VOCs	
1,2,4,5-Tetramethylbenzene	16
1,2,4-Trimethylbenzene	13
Isopropylbenzene	14
n-Propylbenzene	26
sec-Butylbenzene	5.5
SVOCs	
Benzo(a)anthracene	0.07 J
Benzo(a)pyrene	0.08 J
Benzo(b)fluoranthene	0.09 J
Benzo(k)fluoranthene	0.04 J
Chrysene	0.06 J
Indeno(1,2,3-cd)pyrene	0.05 J
Metals	
Iron, Total	8,130
Manganese, Total	1,469
Sodium, Total	389,000
Antimony, Dissolved	5.35
Manganese, Dissolved	1,451
Sodium, Dissolved	435,000

MW-17 - 5/22/25	
VOCs	
cis-1,2-Dichloroethene	5.9
Trichloroethene	16
SVOCs	
No Exceedances	
Metals	
Iron, Total	1,100
Manganese, Total	1,450
Sodium, Total	133,000
Manganese, Dissolved	1,054
Sodium, Dissolved	175,000

	NYSDEC TOGS 1.1.1 AWQS GV
Analyte	Volatile Organic Compounds (ug/L)
1,2,4,5-Tetramethylbenzene	5
1,2,4-Trimethylbenzene	5
cis-1,2-Dichloroethene	5
Ethylbenzene	5
Isopropylbenzene	5
n-Propylbenzene	5
sec-Butylbenzene	5
Trichloroethene	5
Analyte	Semivolatile Organic Compounds (ug/L)
Benzo(a)anthracene	0.002
Benzo(a)pyrene	0
Benzo(b)fluoranthene	0.002
Benzo(k)fluoranthene	0.002
Chrysene	0.002
Indeno(1,2,3-cd)pyrene	0.002
Analyte	Metals (ug/L)
Iron, Total	300
Manganese, Total	300
Sodium, Total	20000
Antimony, Dissolved	3
Manganese, Dissolved	300
Sodium, Dissolved	20000

Value exceeds the NYSDEC TOGS 1.1.1 AWQS GV.

GENERAL NOTES

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SURVEY NO. 59727–19", PREPARED BY "MONTROSE SURVEYING CO., LLP", ORIGINAL SCALE NOT TO SCALE, DATED NO DATE.
2. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
3. SEE LABORATORY REPORTS FOR ADDITIONAL INFORMATION, INCLUDING QUALIFIER DESCRIPTIONS.
4. GZA FIELD PERSONNEL DID NOT SAMPLE, OR WERE UNABLE TO ACCESS MW–01, MW–13, MW–18, AND MW–19 DUE TO WELLS BEING UNDERNEATH CONSTRUCTION EQUIPMENT.

LEGEND

APPROXIMATE SITE BOUNDARY

MW-01 APPROXIMATE PERMANENT MONITORING WELL LOCATION

0 25 50 100
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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101 EAST 150TH STREET
BRONX, NEW YORK, 10451

GROUNDWATER ANALYTICAL RESULTS QUARTER 4 (APRIL-JUNE 2025)

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

PREPARED FOR:
586 RIVER AVE., LLC

PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1" = 50'	4D
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

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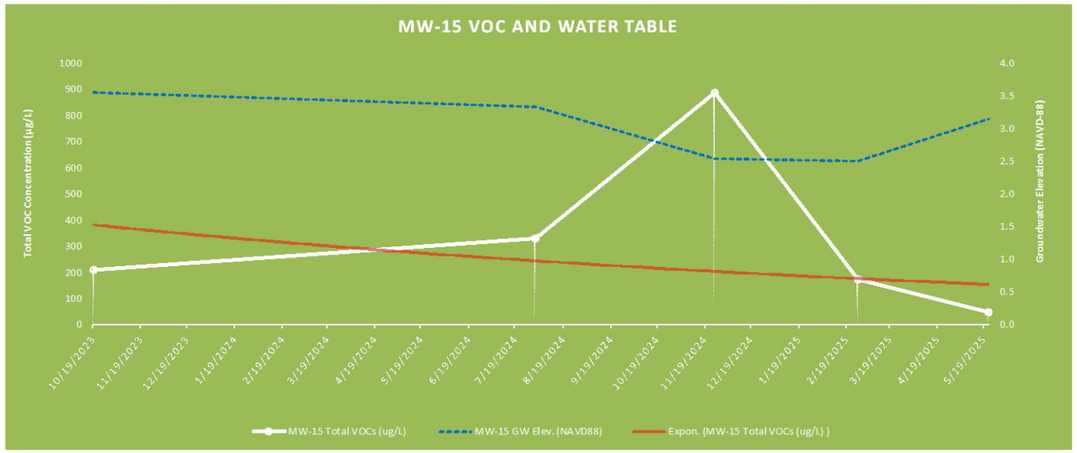
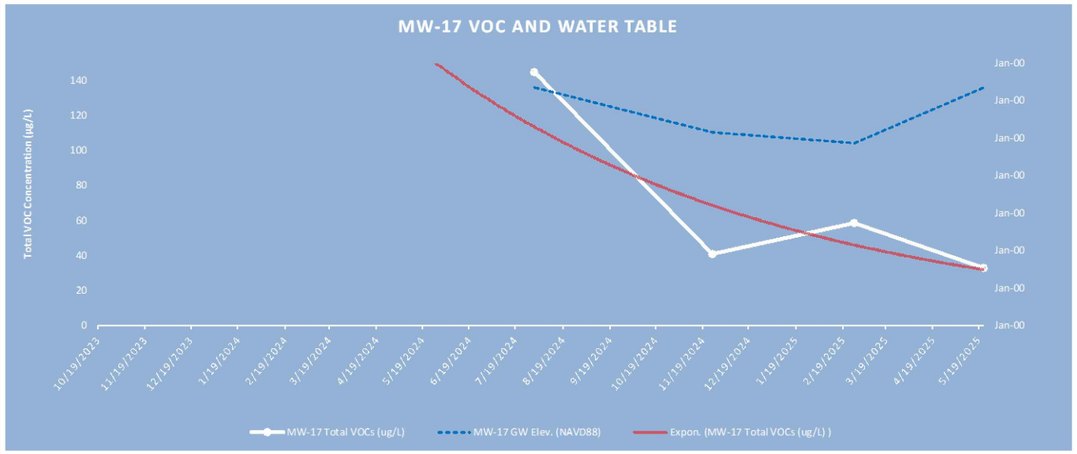
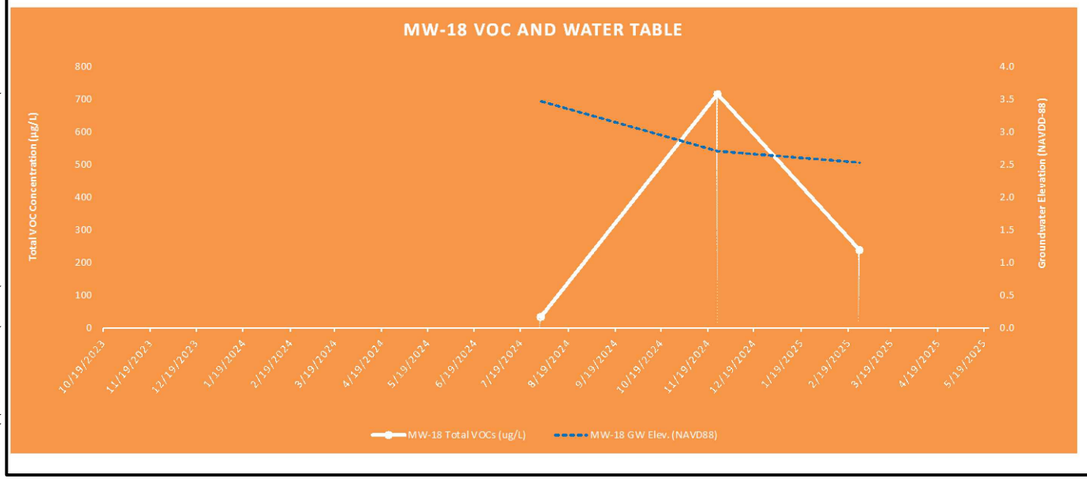
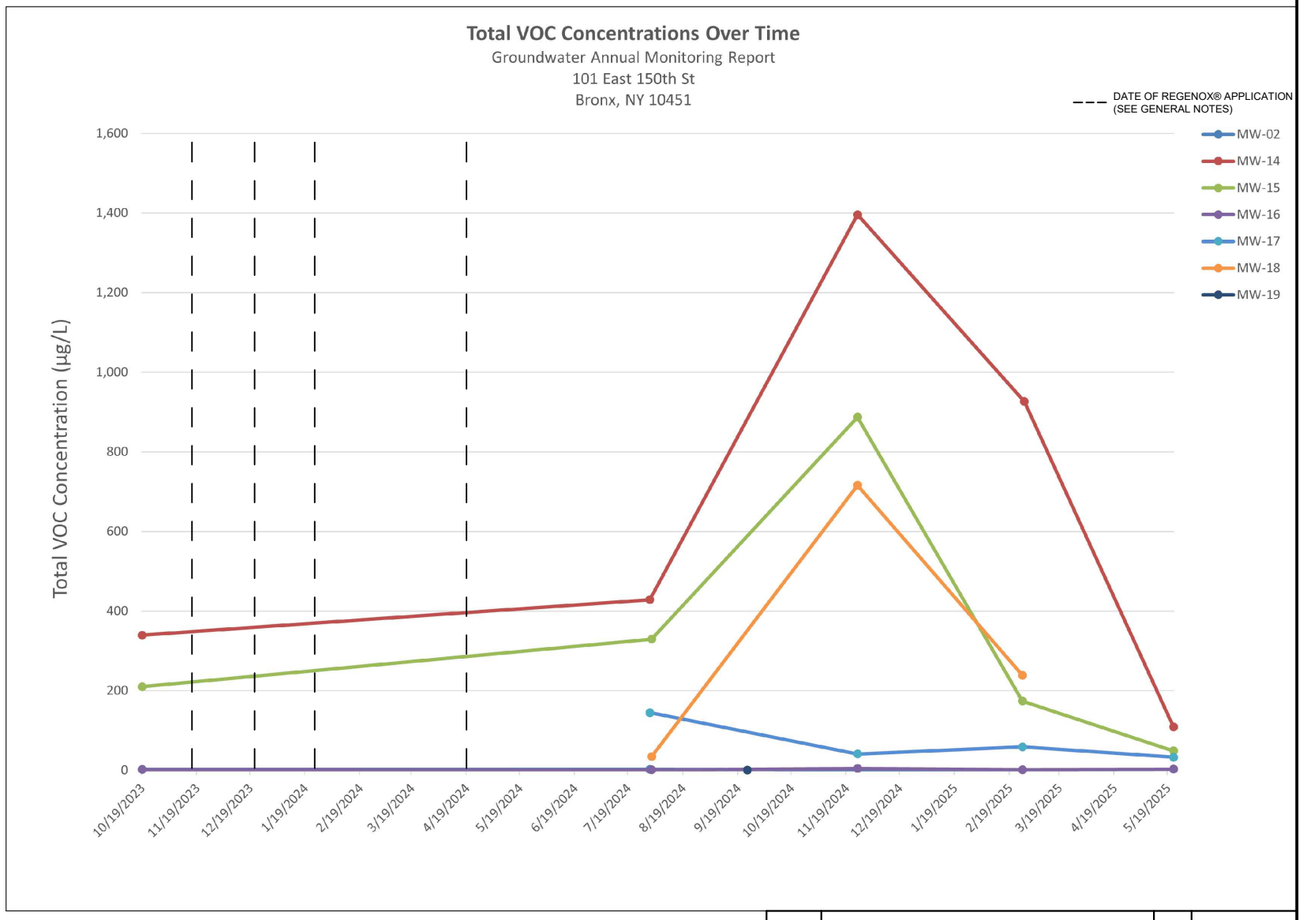
GZA–J:\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 SMP_Oct2025.dwg [5F–GW results Q4] September 29, 2025 – 2:26pm Selia.Gupta









GENERAL NOTES

1. NOVEMBER 15, 2023 – 1,440 LBS OF REGENOX® WAS APPLIED AT ENDPOINT SAMPLE LOCATION EP–13 (FORMER RI SOIL BORING LOCATION SB/MW–06).
2. DECEMBER 21, 2023 – 1,440 LBS OF REGENOX® WAS APPLIED AT ENDPOINT SAMPLE LOCATION EP–21 (FORMER RI SOIL BORING LOCATION SB–23).
3. JANUARY 26, 2024 – 2,880 LBS OF REGENOX® WAS APPLIED AT ENDPOINT SAMPLE LOCATION EP–38 (FORMER RI SOIL BORING LOCATION SB/MW–04).
4. APRIL 19, 2024 – 1,440 LBS OF REGENOX® WAS APPLIED AT ENDPOINT SAMPLE LOCATION EP–62 (FORMER RI SOIL BORING LOCATION SB/MW–03).

NO.	ISSUE/DESCRIPTION	BY	DATE

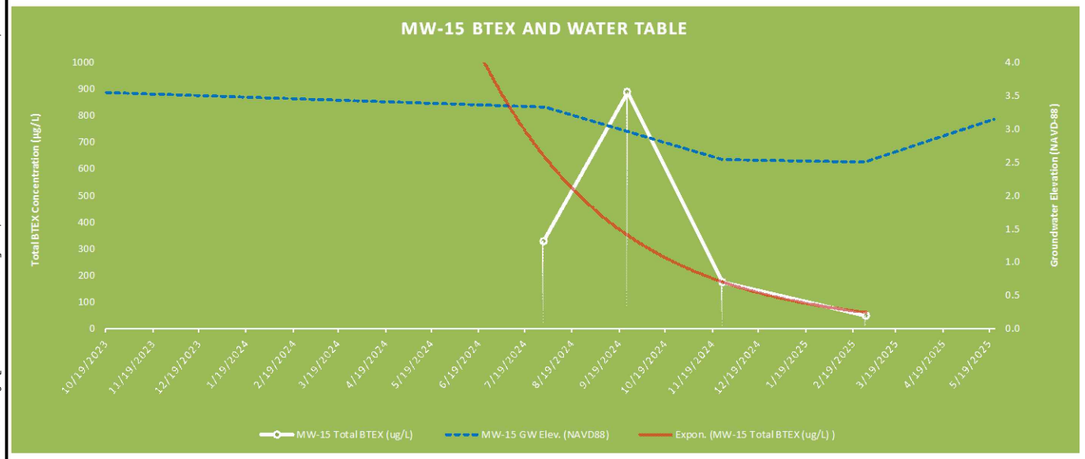
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

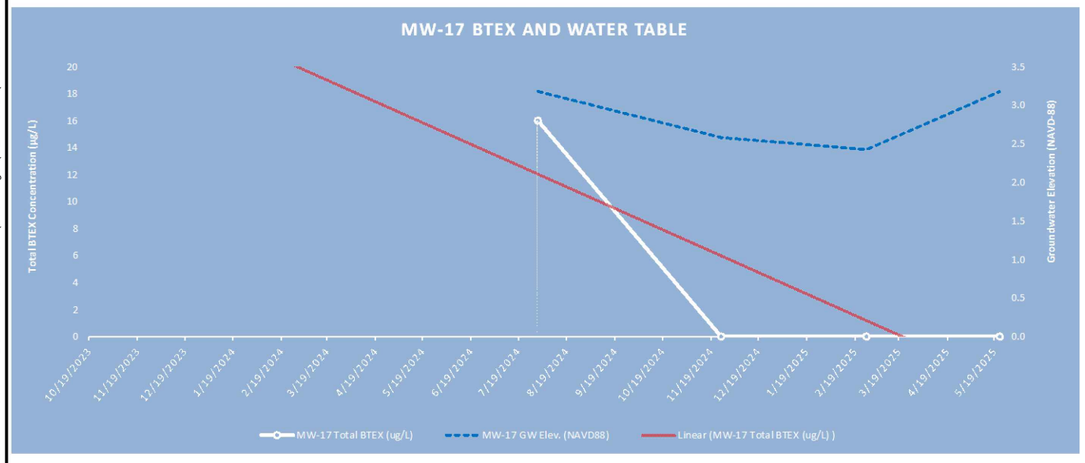
101 EAST 150TH STREET
BRONX, NEW YORK, 10451

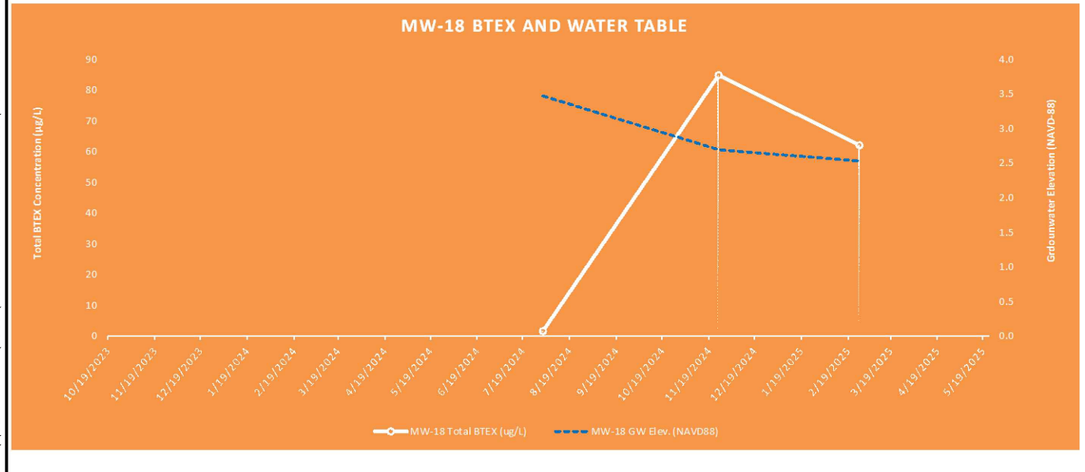
TOTAL VOLATILE ORGANIC COMPOUNDS CONCENTRATIONS OVER TIME

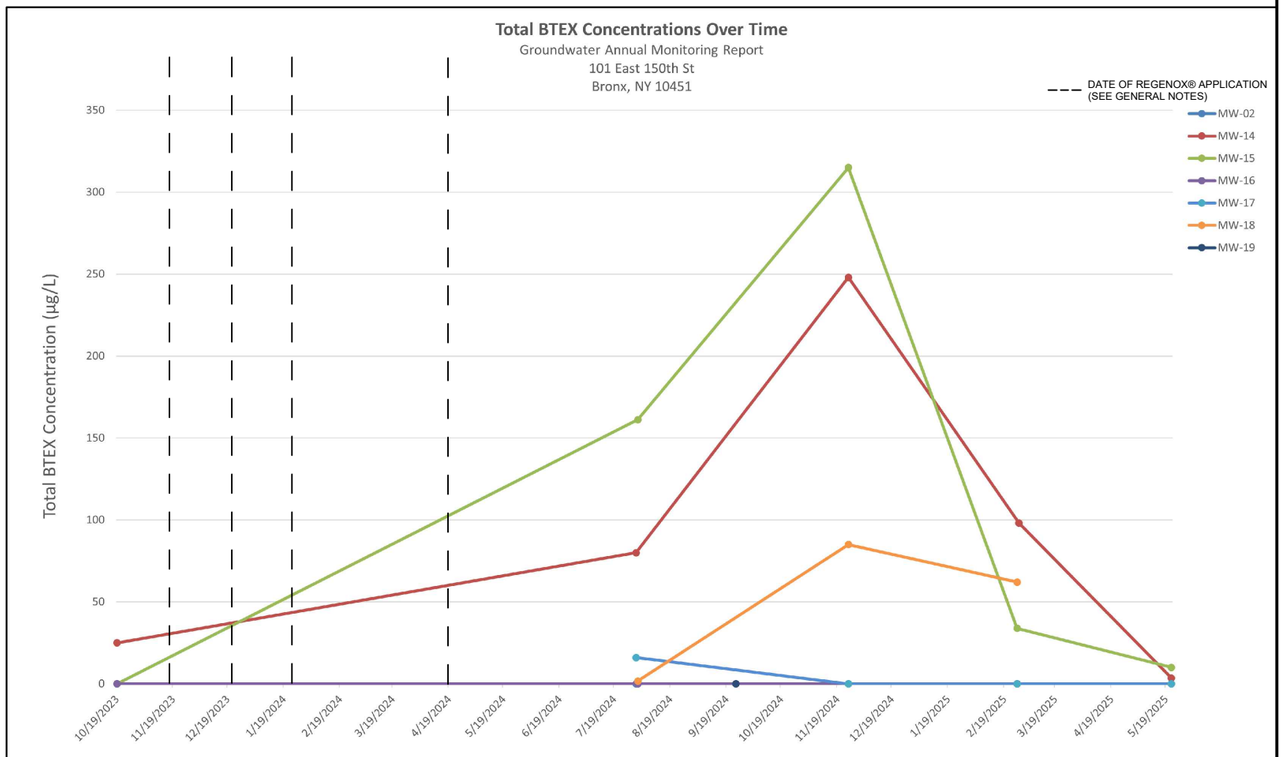
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 5A
DESIGNED BY: SG	DRAWN BY: SG	SCALE: -	SHEET NO.
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	

©2025 – GZA GeoEnvironmental of NY.
GZA–\\GZANYMan1\Jobs\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 SMP_Oct2025.dwg [5G–VOC in GW] September 30, 2025 – 3:33pm Selia.Gupta









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101 EAST 150TH STREET
BRONX, NEW YORK, 10451

BTEX COMPOUNDS CONCENTRATIONS OVER TIME

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 586 RIVER AVE., LLC	
PROJ MGR: RM	REVIEWED BY: RM	CHECKED BY: SK	FIGURE 5H
DESIGNED BY: SG	DRAWN BY: SG	SCALE: -	
DATE: OCTOBER 2025	PROJECT NO. 41.0163097.00	REVISION NO. -	SHEET NO.

©2025 – GZA GeoEnvironmental of NY.
GZA–\\GZANYMan1\Jobs\Active 163000 to 163099\163097.00 – SA 101 East 150th – BCP Remediation\Drawings\GZA CAD\163097.00 SMP_Oct2025.dwg [5H–BTEX in GW] September 30, 2025 – 3:33pm Selia.Gupta

APPENDIX A

LIMITATIONS

USE OF REPORT

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

STANDARD OF CARE

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

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

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

SUBSURFACE CONDITIONS

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

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

COMPLIANCE WITH CODES AND REGULATIONS

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

SCREENING AND ANALYTICAL TESTING

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

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

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

INTERPRETATION OF DATA

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

ADDITIONAL INFORMATION

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

ADDITIONAL SERVICES

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

CONCEPTUAL SITE MODEL

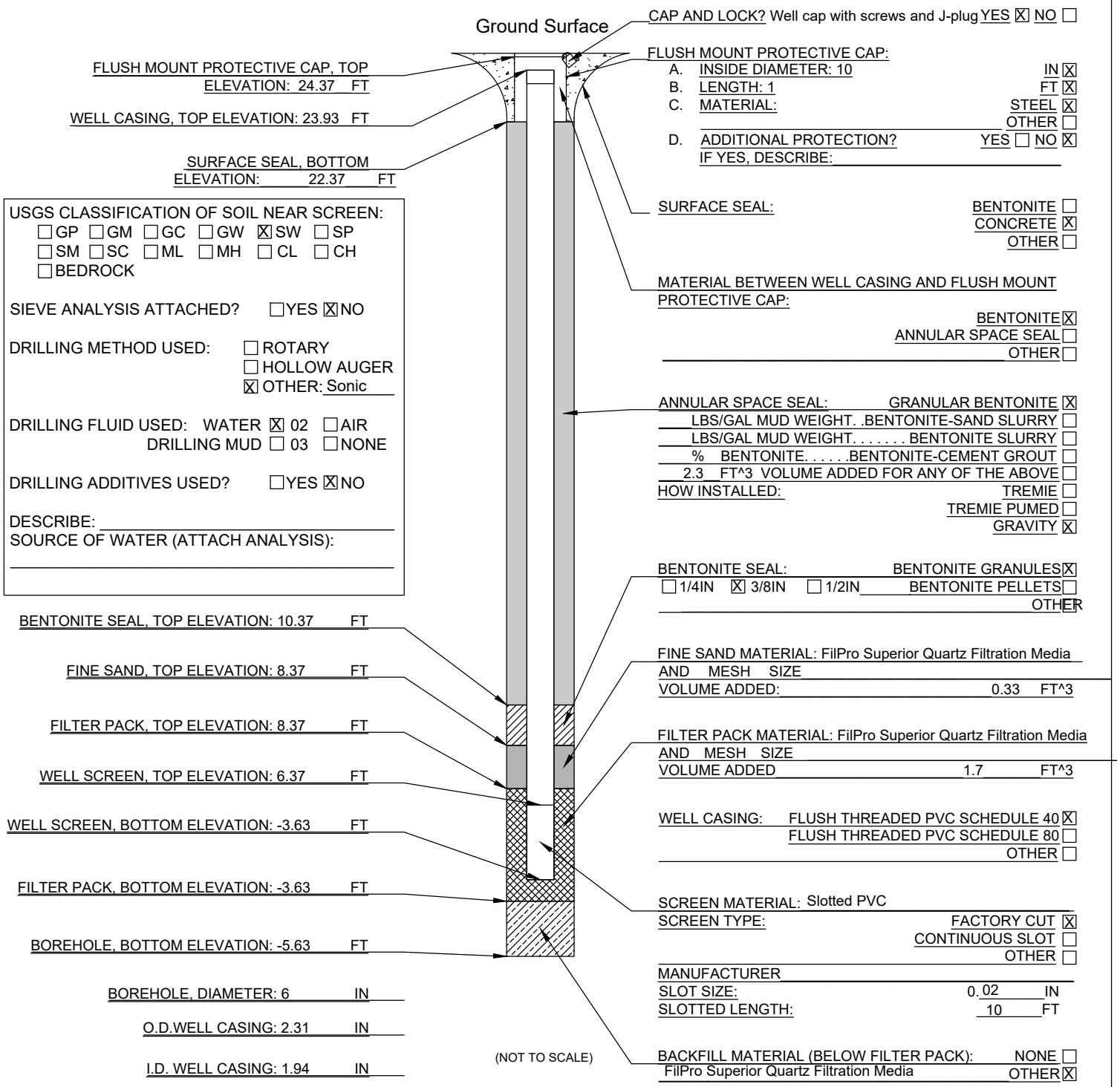
14. Our opinions were developed, in part, based upon a comparison of site data to conditions anticipated within our Conceptual Site Model (CSM). The CSM is based on available information, and professional judgment. There are rarely sufficient data to develop a unique CSM. Therefore observations over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

APPENDIX B

MONITORING WELL CONSTRUCTION LOGS

GZA GEOENVIRONMENTAL OF NEW YORK **Well No. MW-01**

Project: 101 E. 150th Street Remedial Investigation	Location: 101 E. 150th St, Bronx, NY	Page 1 of 1		
Project No. 41.0162951.10	Contractor: Cascade ADT	Water Levels		
Surface Elevation: 24.37	Driller: Daniel Johnson	Date	Time	Depth
Top of PVC Casing Elevation: 23.93	GZA Rep: Jackson Bogach	08/29/22	7:29	21.1
Datum: NAVD 88	Date of Completion: 08/23/22			



USGS CLASSIFICATION OF SOIL NEAR SCREEN:
☐ GP ☐ GM ☐ GC ☐ GW ☒ SW ☐ SP
☐ SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH
☐ BEDROCK

SIEVE ANALYSIS ATTACHED? ☐ YES ☒ NO

DRILLING METHOD USED:
☐ ROTARY
☐ HOLLOW AUGER
☒ OTHER: Sonic

DRILLING FLUID USED: WATER ☒ 02 ☐ AIR
DRILLING MUD ☐ 03 ☐ NONE

DRILLING ADDITIVES USED? ☐ YES ☒ NO

DESCRIBE:
SOURCE OF WATER (ATTACH ANALYSIS):

CAP AND LOCK? Well cap with screws and J-plug YES ☒ NO ☐

FLUSH MOUNT PROTECTIVE CAP:
A. INSIDE DIAMETER: 10 IN ☒
B. LENGTH: 1 FT ☒
C. MATERIAL: STEEL ☒ OTHER ☐
D. ADDITIONAL PROTECTION? YES ☐ NO ☒
IF YES, DESCRIBE:

SURFACE SEAL: BENTONITE ☐ CONCRETE ☒ OTHER ☐

MATERIAL BETWEEN WELL CASING AND FLUSH MOUNT PROTECTIVE CAP: BENTONITE ☒ ANNULAR SPACE SEAL ☐ OTHER ☐

ANNULAR SPACE SEAL: GRANULAR BENTONITE ☒
LBS/GAL MUD WEIGHT. .BENTONITE-SAND SLURRY ☐
LBS/GAL MUD WEIGHT. . . . . BENTONITE SLURRY ☐
% BENTONITE. . . . . .BENTONITE-CEMENT GROUT ☐
2.3 FT^3 VOLUME ADDED FOR ANY OF THE ABOVE ☐
HOW INSTALLED: TREMIE ☐ TREMIE PUMED ☐ GRAVITY ☒

BENTONITE SEAL: BENTONITE GRANULES ☒
☐ 1/4IN ☒ 3/8IN ☐ 1/2IN BENTONITE PELLETS ☐
OTHER ☐

FINE SAND MATERIAL: FilPro Superior Quartz Filtration Media
AND MESH SIZE
VOLUME ADDED: 0.33 FT^3

FILTER PACK MATERIAL: FilPro Superior Quartz Filtration Media
AND MESH SIZE
VOLUME ADDED 1.7 FT^3

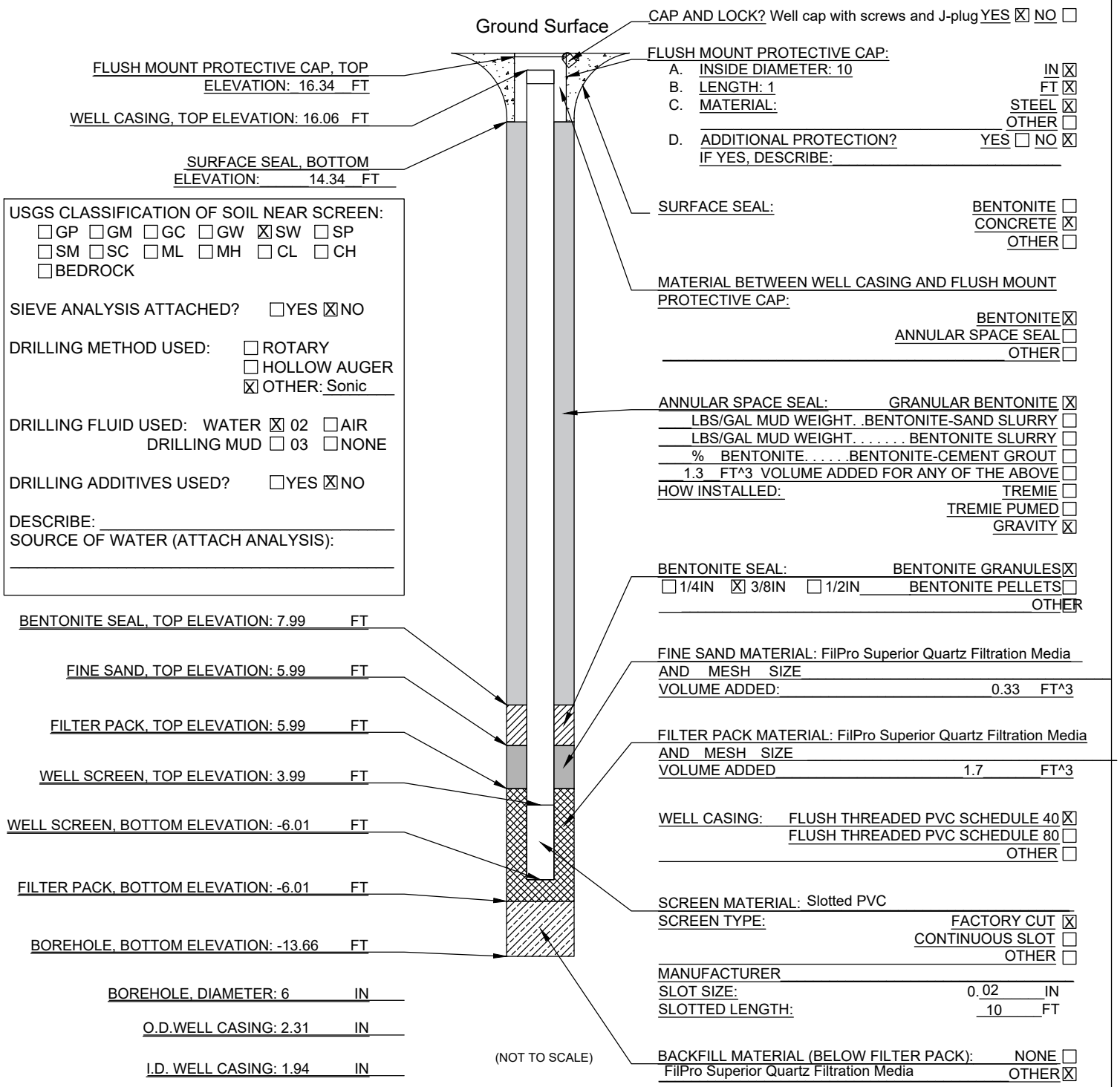
WELL CASING: FLUSH THREADED PVC SCHEDULE 40 ☒
FLUSH THREADED PVC SCHEDULE 80 ☐
OTHER ☐

SCREEN MATERIAL: Slotted PVC
SCREEN TYPE: FACTORY CUT ☒ CONTINUOUS SLOT ☐ OTHER ☐
MANUFACTURER
SLOT SIZE: 0.02 IN
SLOTTED LENGTH: 10 FT

BACKFILL MATERIAL (BELOW FILTER PACK): NONE ☐
FilPro Superior Quartz Filtration Media OTHER ☒

GZA GEOENVIRONMENTAL OF NEW YORK **Well No. MW-02**

Project: 101 E. 150th Street Remedial Investigation	Location: 101 E. 150th St, Bronx, NY	Page 1 of 1		
Project No. 41.0162951.10	Contractor: Cascade ADT	Water Levels		
Surface Elevation: 16.34	Driller: Daniel Johnson	Date	Time	Depth
Top of PVC Casing Elevation: 16.06	GZA Rep: Jackson Bogach	08/29/22	7:32	13.45
Datum: NAVD 88	Date of Completion: 08/24/22			



USGS CLASSIFICATION OF SOIL NEAR SCREEN:
☐ GP ☐ GM ☐ GC ☐ GW ☒ SW ☐ SP
☐ SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH
☐ BEDROCK

SIEVE ANALYSIS ATTACHED? ☐ YES ☒ NO

DRILLING METHOD USED: ☐ ROTARY ☐ HOLLOW AUGER ☒ OTHER: Sonic

DRILLING FLUID USED: WATER ☒ 02 ☐ AIR DRILLING MUD ☐ 03 ☐ NONE

DRILLING ADDITIVES USED? ☐ YES ☒ NO

DESCRIBE:
SOURCE OF WATER (ATTACH ANALYSIS):

CAP AND LOCK? Well cap with screws and J-plug YES ☒ NO ☐

FLUSH MOUNT PROTECTIVE CAP:
A. INSIDE DIAMETER: 10 IN ☒
B. LENGTH: 1 FT ☒
C. MATERIAL: STEEL ☒ OTHER ☐
D. ADDITIONAL PROTECTION? YES ☐ NO ☒
IF YES, DESCRIBE:

SURFACE SEAL: BENTONITE ☐ CONCRETE ☒ OTHER ☐

MATERIAL BETWEEN WELL CASING AND FLUSH MOUNT PROTECTIVE CAP: BENTONITE ☒ ANNULAR SPACE SEAL ☐ OTHER ☐

ANNULAR SPACE SEAL: GRANULAR BENTONITE ☒
LBS/GAL MUD WEIGHT. .BENTONITE-SAND SLURRY ☐
LBS/GAL MUD WEIGHT. . . . . BENTONITE SLURRY ☐
% BENTONITE. . . . . .BENTONITE-CEMENT GROUT ☐
1.3 FT^3 VOLUME ADDED FOR ANY OF THE ABOVE ☐
HOW INSTALLED: TREMIE ☐ TREMIE PUMED ☐ GRAVITY ☒

BENTONITE SEAL: BENTONITE GRANULES ☒
☐ 1/4IN ☒ 3/8IN ☐ 1/2IN BENTONITE PELLETS ☐ OTHER ☐

FINE SAND MATERIAL: FilPro Superior Quartz Filtration Media
AND MESH SIZE
VOLUME ADDED: 0.33 FT^3

FILTER PACK MATERIAL: FilPro Superior Quartz Filtration Media
AND MESH SIZE
VOLUME ADDED 1.7 FT^3

WELL CASING: FLUSH THREADED PVC SCHEDULE 40 ☒ FLUSH THREADED PVC SCHEDULE 80 ☐ OTHER ☐

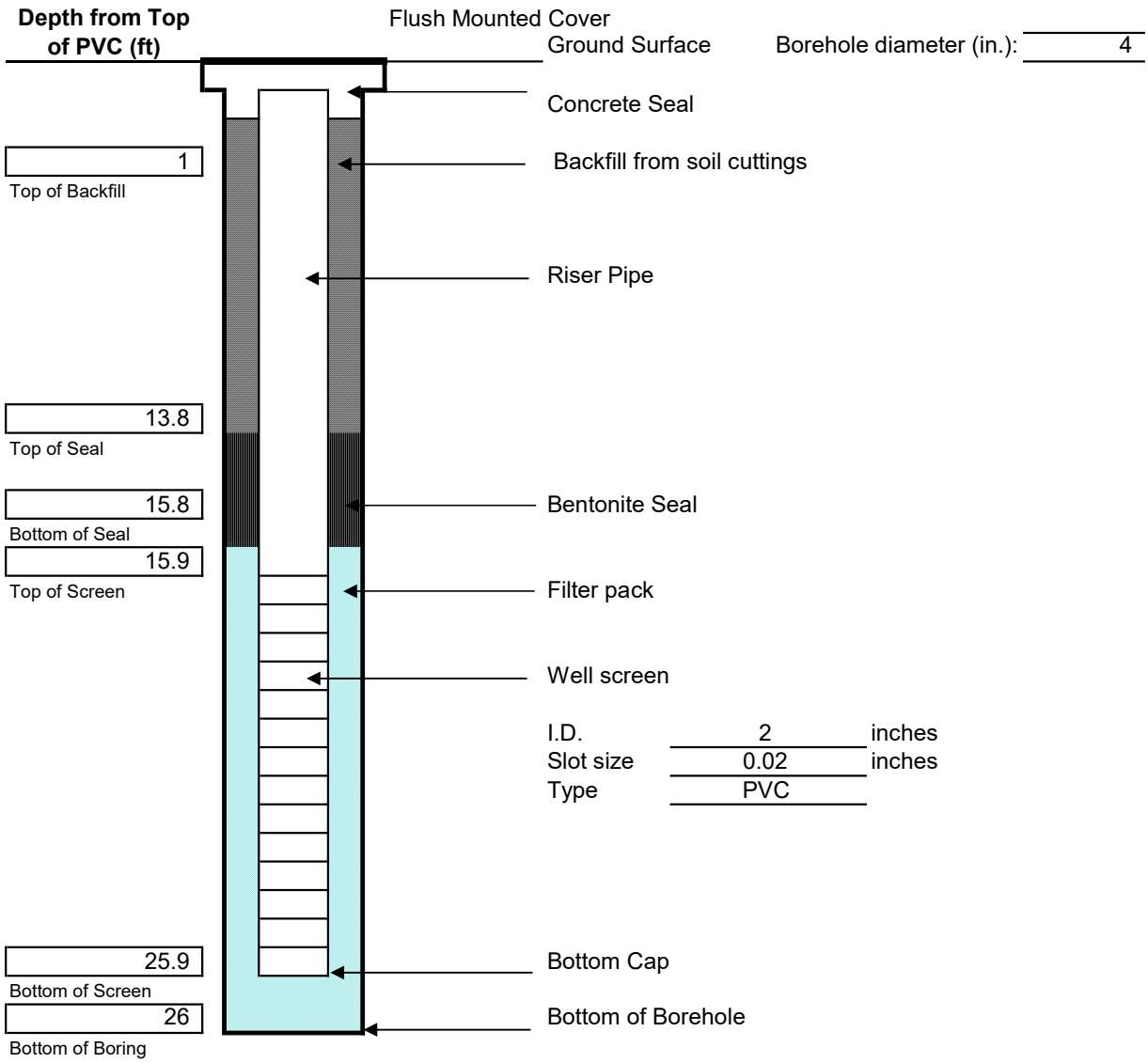
SCREEN MATERIAL: Slotted PVC
SCREEN TYPE: FACTORY CUT ☒ CONTINUOUS SLOT ☐ OTHER ☐
MANUFACTURER
SLOT SIZE: 0.02 IN
SLOTTED LENGTH: 10 FT

BACKFILL MATERIAL (BELOW FILTER PACK): NONE ☐ FilPro Superior Quartz Filtration Media OTHER ☒

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-13

Project: 101 East 150th Street		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: NA	Driller: Clean Globe Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 25.41	GZA Rep: M. Frey	10/6/2023	11:30	19.5
Datum: NAVD88	Date of Completion: : 10/6/23			

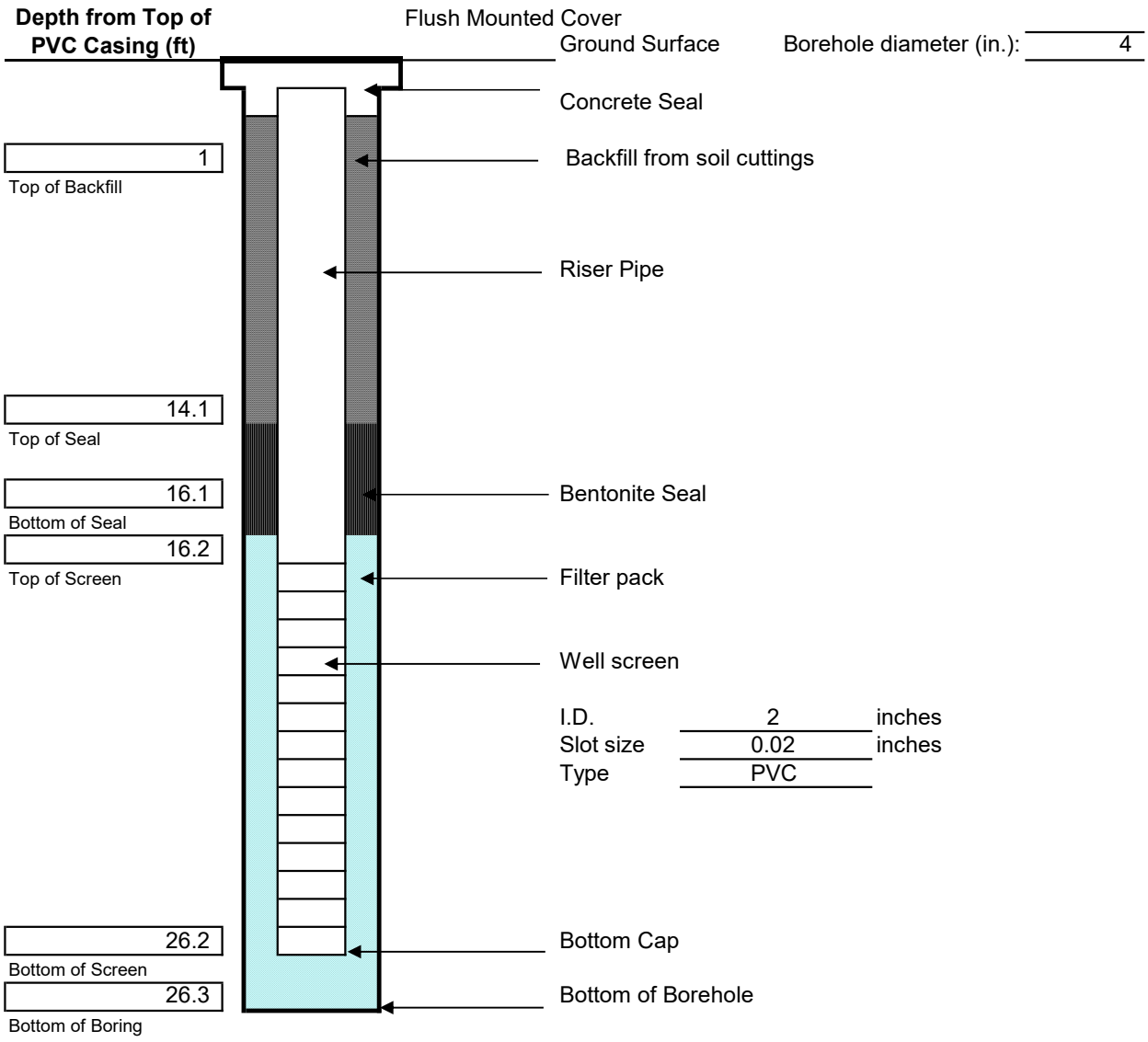


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-14

Project: 101 East 150th Street SRI		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: NA	Driller: Clean Globe Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 25.00	GZA Rep: M. Frey	10/6/2023	10:15	19.52
Datum: NAVD88	Date of Completion : 10/6/23			

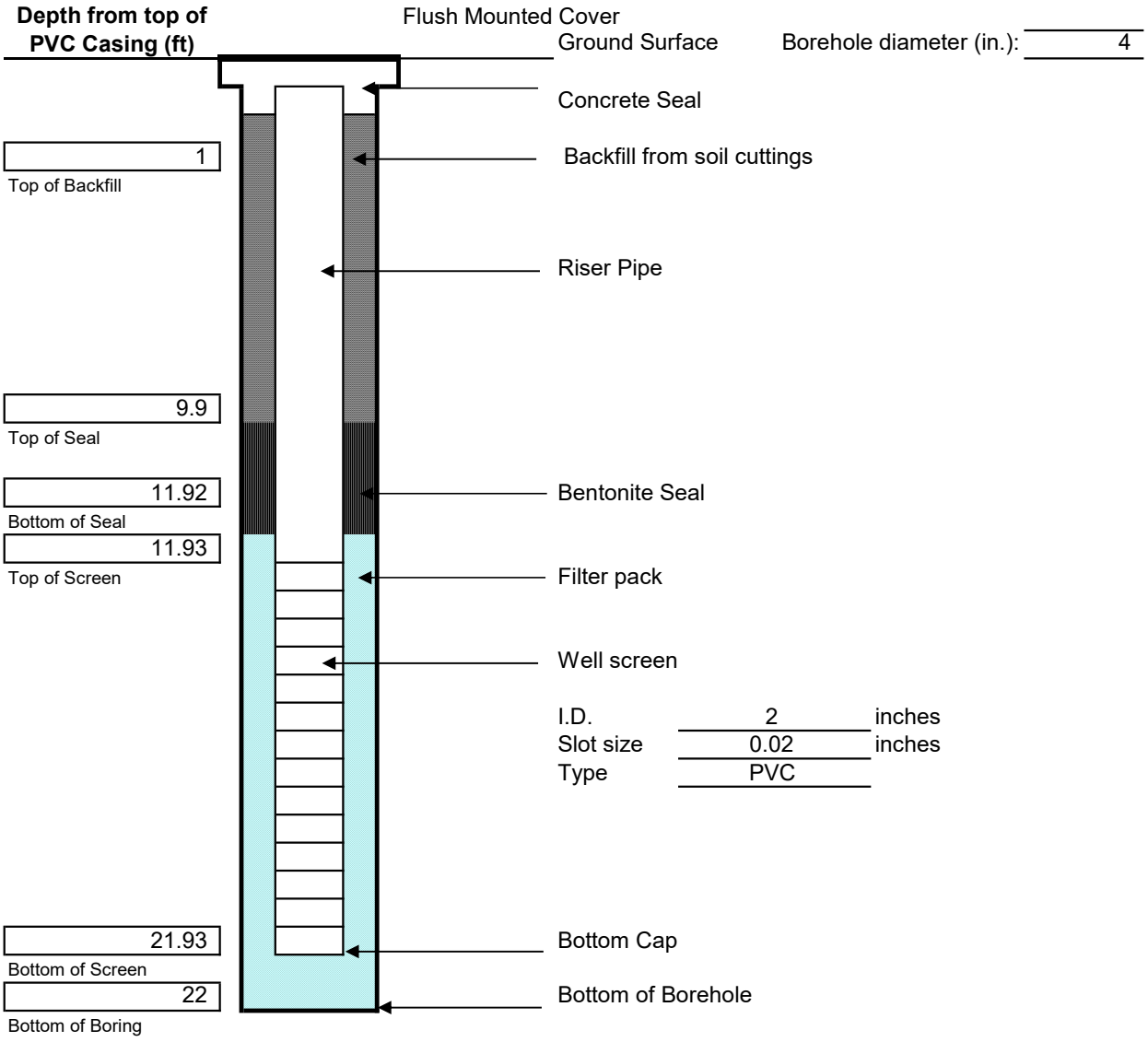


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-15

Project: 101 East 150th Street SRI		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: NA	Driller: Clean Globe Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 18.20	GZA Rep: M. Frey	10/5/2023	1:10	14.49
Datum: NAVD88	Date of Completion : 10/5/23			

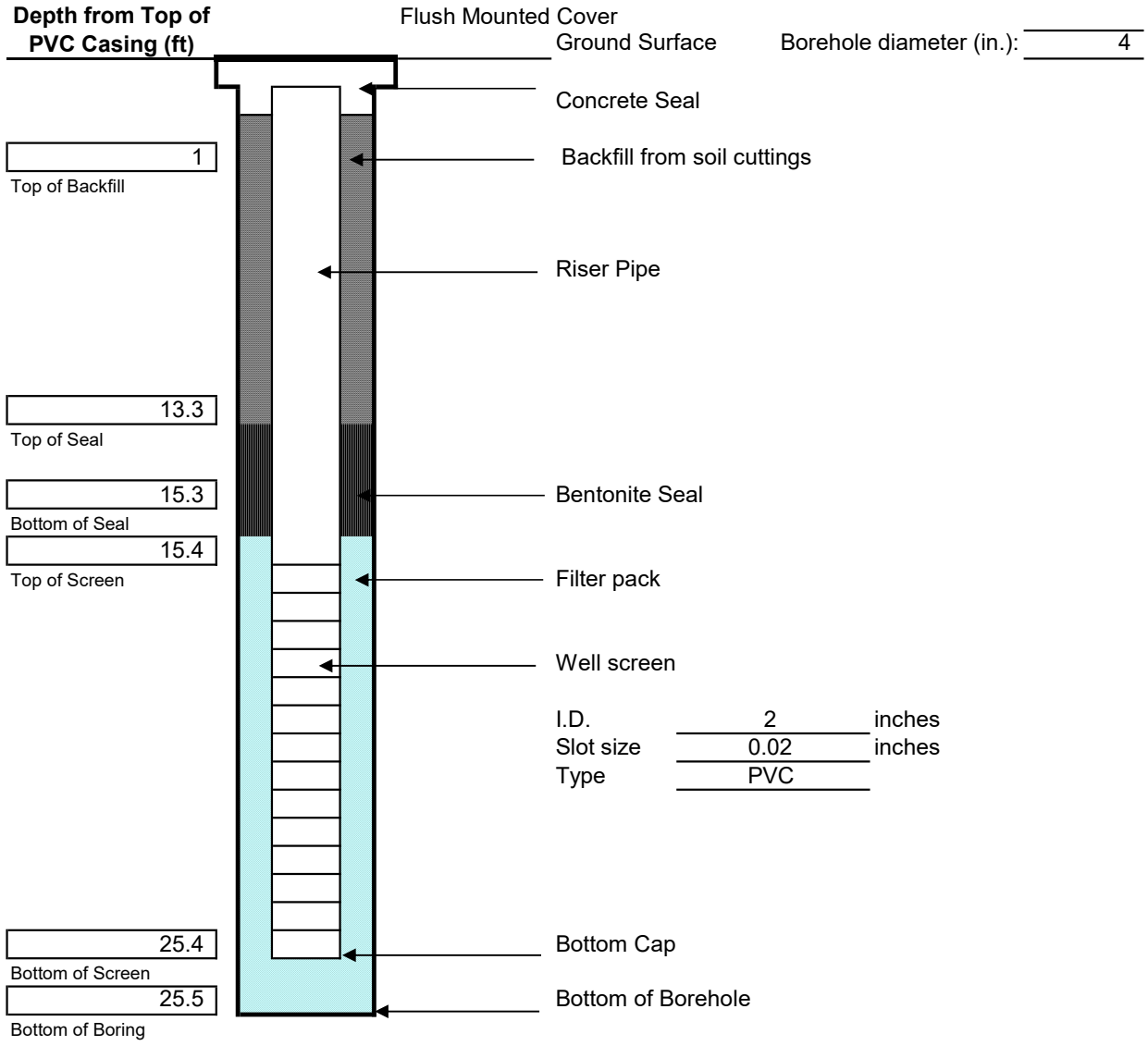


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-16

Project: 101 East 150th Street		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: NA	Driller: Clean Globe Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 20.59	GZA Rep: M. Frey	10/5/2023	11:00	17.2
Datum: NAVD88	Date of Completion: 10/5/23			

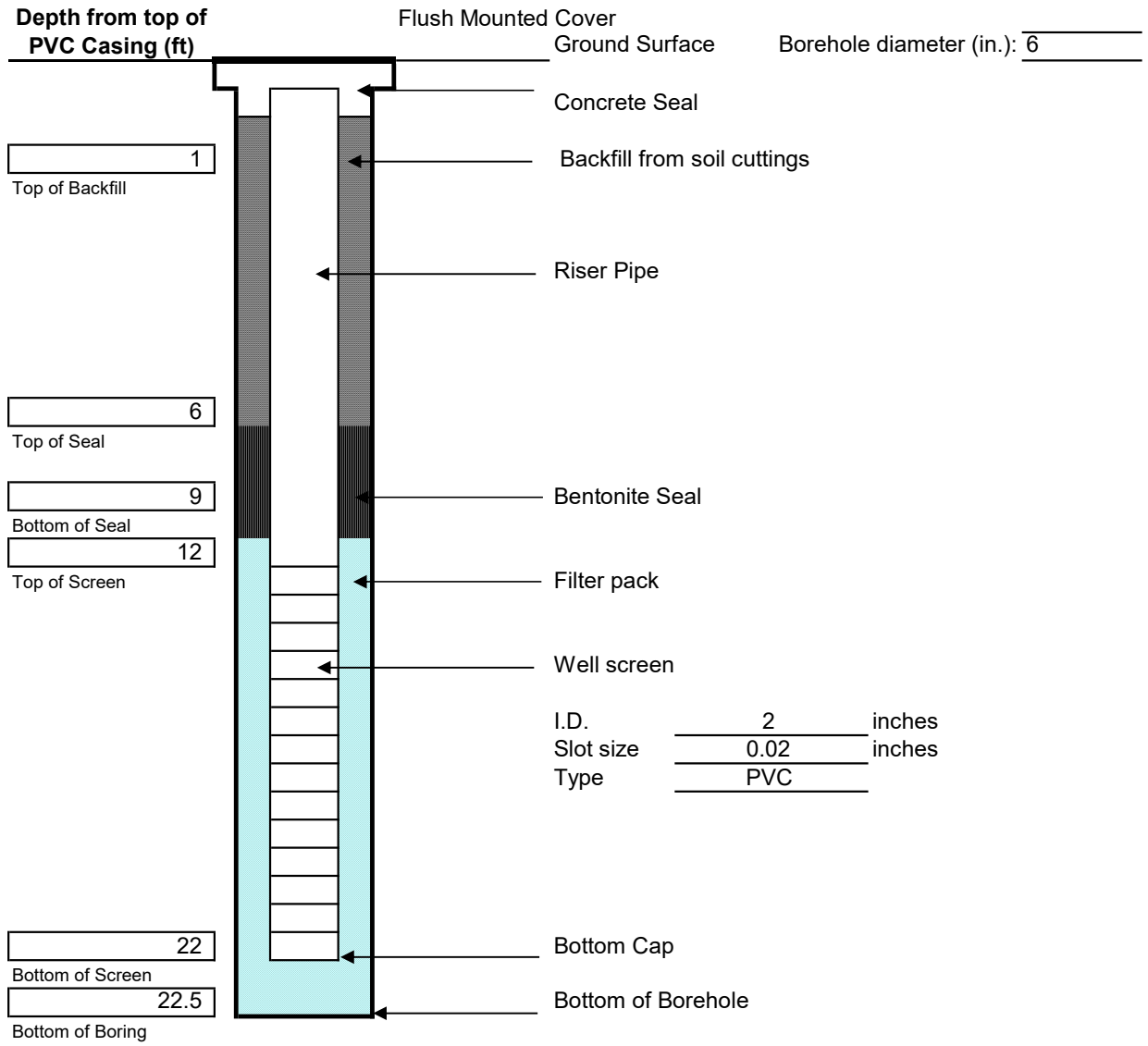


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-17

Project: 101 East 150th Street		Page 1 of 1
Project No.: 41.0163097.00		Water Levels
Surface Elevation: 17.86	Driller: Coastal Environmental	Date / Time / Depth
Top of PVC Casing Elevation: 17.70	GZA Rep: J. Bogach	7/31/2024 / 14:10 / 14.52
Datum: NAVD88	Date of Completion: 7/15/2024	

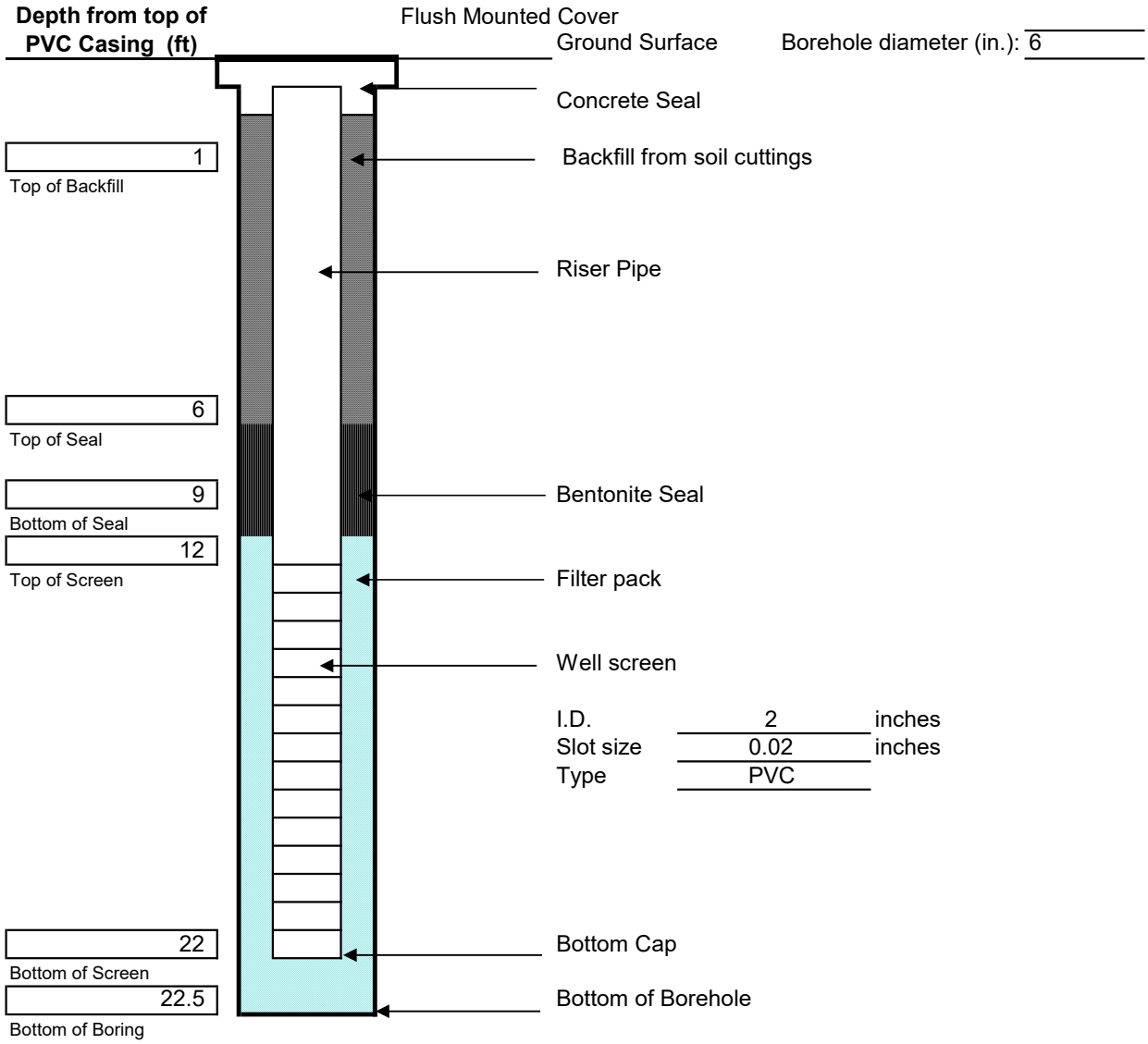


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-18

Project: 101 East 150th Street OSD		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: 19.45	Driller: Coastal Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 19.15	GZA Rep: J. Bogach	8/1/2024	8:35	15.68
Datum: NAVD88	Date of Completion: 7/15/2024			

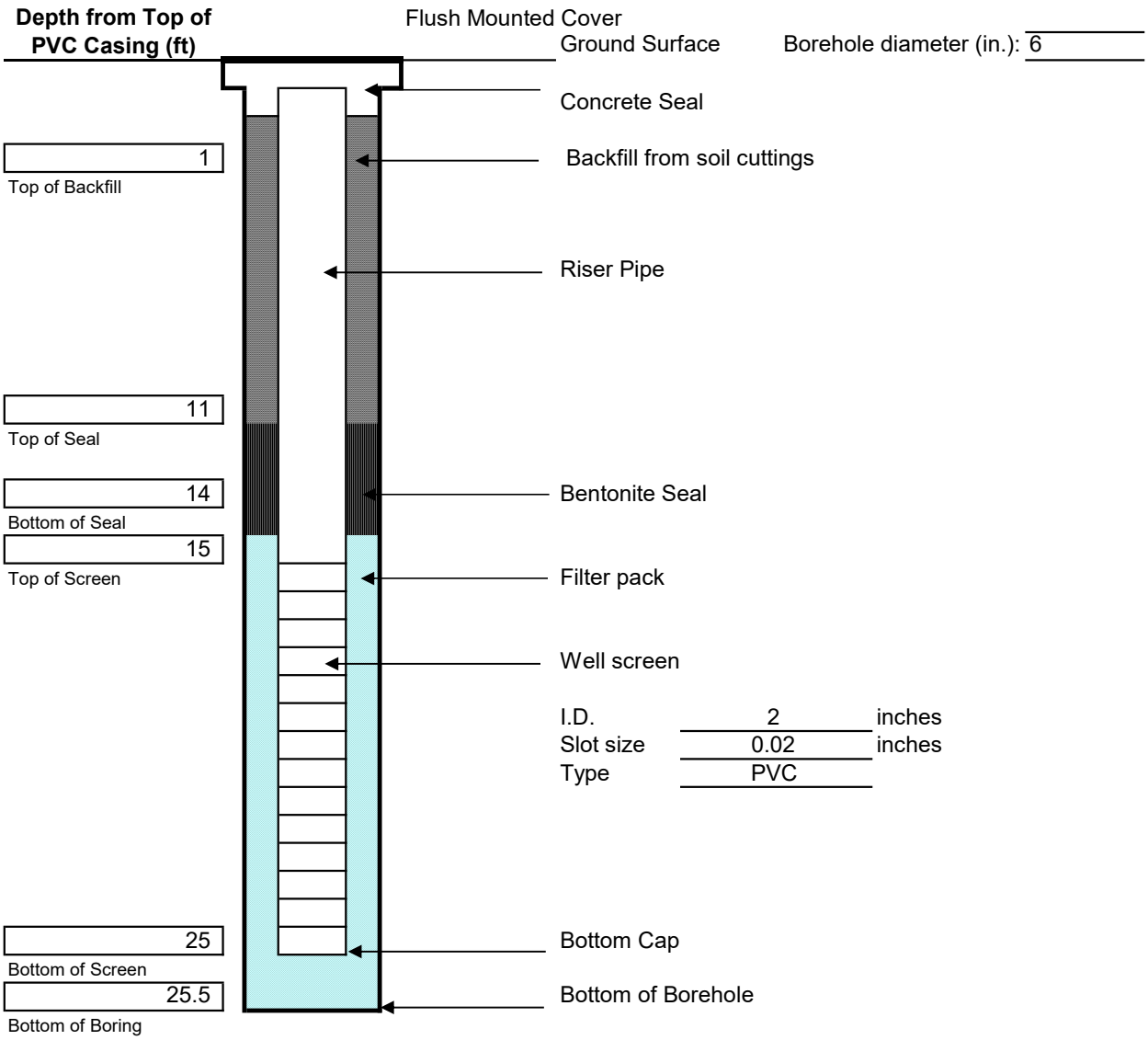


Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

GEOENVIRONMENTAL OF NEW YORK

Well No. MW-19

Project: 101 East 150th Street		Page 1 of 1		
Project No.: 41.0163097.00		Water Levels		
Surface Elevation: 18.17	Driller: Coastal Environmental	Date	Time	Depth
Top of PVC Casing Elevation: 17.91	GZA Rep: J. Natalie	9/24/2024	7:30	14.8
Datum: NAVD88	Date of Completion: 9/17/2024			



Note: All measurements in depths based on ground surface at 0 feet.
(NOT TO SCALE)

APPENDIX C

MONITORING WELL SURVEY

SURVEY NO. 59727–19

59727–19.DWG
59727–98.CRD

LEGEND

MW-1 EL17.83 ..... GRAUNDWATER MONITORING WELL

GR.EL..... GROUND ELEVATION

TP .....TOP OF PIPE ELEVATION

EL .....TOP OF MONITORING WELL ELEVATION

MP-14 EL.19.49 ... PERMANENT SOIL VAPOR MONITORING WELL

BENCHMARK SET ON TRAFFIC LIGHT EL. 20.00

BENCHMARK SET ON BUILDING EL. 20.00

BENCHMARK SET ON LIGHT POLE EL. 23.00

STUCCO BUILDING

RIVER AVENUE — 75' WIDE

EAST 150th STREET — 50' WIDE

GERARD AVENUE — 60' WIDE

Concrete Curb

Bluestone Curb

Asphalt Pavement

Concrete Walk

Steel Faced Concrete Curb

Bluestone Curb

Control Line

ST. NO. 595

ST. NO. 101

TAX LOT 1

BUILDING UNDER CONSTRUCTION

494.32'

496.79'

200.34'

200.21'

93°20'34.7"

87°21'45.7"

92°38'14"

86°39'25.5"

90°00" (CALC'D)

MW-1 EL.24.16 GR.EL.24.14 TP EL.23.81

MW-2 EL.15.72 GR.EL.15.74 TP EL.15.48

MW-13 EL.25.74 GR.EL.25.74 TP.EL.25.41

MW-14 EL.25.35 GR.EL.25.36 TP EL.25.00

MW-15 EL.18.52 GR.EL.18.53 TP EL.18.20

MW-16 EL.20.94 GR.EL.20.94 TP EL.20.59

MW-17 EL.17.82 GR.EL.17.86 TP EL.17.70

MW EL.18.19 GR.EL.18.17 TP EL.17.91

MP-13 TP EL.17.83 EL.17.83

MP-14 EL.19.49 GR.EL.19.48

MW-15 EL.19.43 GR.EL.19.45 TP EL.19.15

MP-15 EL.21.40 GR.EL.21.43

CONVERSION TABLE – INCHES TO DECIMALS OF A FOOT

	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	11"
0"	.00	.08	.17	.25	.33	.42	.50	.58	.67	.75	.83	.92
1/4"	.02	.10	.19	.27	.35	.44	.52	.60	.69	.77	.85	.94
1/2"	.04	.13	.21	.29	.38	.46	.54	.63	.71	.79	.88	.96
3/4"	.06	.15	.23	.31	.40	.48	.56	.65	.73	.81	.90	.98
1"	.08	.17	.25	.33	.42	.50	.58	.67	.75	.83	.92	.99

BRONX TOPO BUREAU DATUM 2.608

MEAN SEA LEVEL 0.00 (NAVD 1988) — 1.508

MEAN SEA LEVEL 0.00 (NGVD 929) — 1.1 — 2.608

NAVD 1988 DATUM IS 1.508 FEET BELOW THE BRONX TOPO BUREAU DATUM

GENERAL NOTES

1. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.508 FEET BELOW THE BRONX TOPOGRAPHICAL BUREAU DATUM.
2. ESTABLISHED GRADES SHOWN HEREON REFER TO TOP OF CURB.
3. THIS SURVEY IS NOT A TITLE SURVEY AND IS NOT TO BE USED FOR TITLE PURPOSES. ALL PHYSICAL FACTS ARE NOT SHOWN.

DRAWN: M.S.

ESTABLISHED 1876 * SUCCESSOR TO:

B.G. MEINIKHEIM C.S.*C.U. POWELL C.E.,C.S.*L.C.L. SMITH C.S.*NATHAN CAMPBELL C.E.,C.S.*A.U. WHITSON C.E.,C.S.*
*WILLIAM L. SAVACOOL C.E.,L.S.,C.S.*A.U. WHITSON INC. C.E.,C.S.*G. WEBER L.S.,C.S.*C. STTODOLPH R.A.,L.S.*WHITSON &*
POWELL INC. P.E.,L.S.,C.S.*KELLER & POWELL P.E.,L.S.,C.S.*LOUIS MONTROSE C.E.,L.S.,C.S.*FRED J. POWELL P.E.,L.S.,C.S.*

REV	DATE	DESCRIPTION	ck

REV	DATE	DESCRIPTION	ck
	08/26/24	MONITORING WELL LOCATION SURVEY	
A	08/26/24	ADDITIONAL MONITORING WELL LOCATION	

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

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CITY & LAND SURVEYORS
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WWW.MONTROSESURVEYING.COM Email:info@montrosesurveying.com

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CITY OF NEW YORK
COUNTY THE BRONX
TAX BLOCK 2354
TAX LOT 1

SCALE: 1" = 20'

APPENDIX D

GROUNDWATER SAMPLING LOGS

1st QUARTER GROUNDWATER SAMPLING

WELL PURGE DATA SHEET

WELL ID: MW-02

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 80's °F, Partly Cloudy

PROJECT NO: 41.0163097.00
DATE: July 31, 2024
SAMPLER(S): Yunmee Han, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 22.79 - 12.69
Water Column (T) = 10.1 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 10.1 x 0.163
Well Volume (V) = 1.646 (Gallons)

TOTAL VOLUME PURGED:
Design = 4.94 (gallons)
Actual = 2.1 [1] (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 16 to 18 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
12:40	0	0	12.68	7.99	4.90	46.5	1.82	20.93	-43	Start, 2
12:50	10	0.25	12.68	7.98	5.12	67.1	0.55	19.28	-32	
12:55	15	0.75	12.71	7.92	4.98	70.4	0.16	18.72	-39	
13:00	20	1	12.78	7.91	4.74	46.1	0.04	18.47	-42	
13:05	25	1.5	12.81	7.93	4.56	32.3	0.01	18.51	-44	
13:10	30	1.75	12.78	7.98	4.39	23.5	0.00	18.44	-46	
13:15	35	2.1	12.73	8.00	4.31	14.2	0.01	18.54	-48	sample here

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. slight petroleum odor, PID = 0.0 ppm

WELL PURGE DATA SHEET

WELL ID: MW-14

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 80's °F, Partly Cloudy

PROJECT NO: 41.0163097.00
DATE: July 31, 2024
SAMPLER(S): Yunmee Han, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 28.56 - 19.31
Water Column (T) = 9.25 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 9.25 x 0.163
Well Volume (V) = 1.508 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 4.52 (gallons)
Actual = 1.25 [1] (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 23 to 25 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
11:20	0	0	20.59	7.68	0.83	100	3.50	26.73	-8	Start
11:30	10	0.5	20.21	8.00	0.81	40.1	0.91	18.41	-88	
11:35	15		20.89	7.95	0.73	44.6	0.28	18.54	-91	2
11:40	20	0.75	20.89	7.95	0.68	37.5	0.28	18.15	-94	2
11:45	25	1	20.91	7.96	0.63	27.4	0.38	18.19	-99	
11:50	30	1.25	20.85	7.97	0.60	19.6	0.50	18.12	-100	Sample here after purge
			20.81							

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
2. Petroleum smell, but no PID reading

WELL PURGE DATA SHEET

WELL ID: MW-15

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 80-90's °F, Sunny

PROJECT NO: 41.0163097.00
DATE: August 1, 2024
SAMPLER(S): Yunmee Han, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 21.94 - 14.87
Water Column (T) = 7.07 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 7.07 x 0.163
Well Volume (V) = 1.152 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 3.46 (gallons)
Actual = 2 [1] (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 18 to 19 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
11:35	0		14.87							Start
11:40	5	0.25	14.89	8.06	0.825	371	0.97	22.45	-37	Almost clear
11:45	10	0.5	14.87	8.15	0.785	154	0.26	19.22	-41	
11:50	15	0.75	14.87	8.23	0.782	104	0.16	18.77	-46	
11:55	20	1	14.87	8.28	0.779	57.8	0.10	18.62	-154	
12:00	25	1.25	14.87	8.28	0.780	46.7	0.04	18.54	-154	
12:05	30	1.5	14.88	8.29	0.780	32.1	0.01	18.56	-154	
12:10	35	2	14.88	8.29	0.779	23.2	0.00	18.55	-154	Samples here
12:15	40		14.89							DTW after purging

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
Petroleum odor observed.
Duplicate (FD-1) collected.

WELL PURGE DATA SHEET

WELL ID: MW-16

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 80-90's °F, Sunny

PROJECT NO: 41.0163097.00
DATE: August 1, 2024
SAMPLER(S): Yunmee Han, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 25.03 - 17.22
Water Column (T) = 7.81 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 7.81 x 0.163
Well Volume (V) = 1.273 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 3.82 (gallons)
Actual = 1.5 [1] (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 21 to 23 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
13:10	0		17.22							Start purging
13:!5	5	0.25	17.25	8.30	0.832	112	8.14	21.82	75	Almost clear
13:20	10	0.5	17.25	8.23	0.975	51.7	7.40	19.56	91	
13:25	15	0.75	17.25	8.09	1.040	48.2	7.02	18.06	102	
13:30	20	1	17.25	8.08	1.050	35.8	6.58	17.73	104	
13:35	25	1.25	17.25	8.06	1.050	25.1	6.11	18.03	105	
13:40	30	1.5	17.25	8.03	1.050	18.4	5.72	17.59	108	Sample here
14:!0	60		17.22							DTW after purging

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
No product observed.
No odor observed.

WELL PURGE DATA SHEET

WELL ID: MW-17

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 80's °F, Partly Cloudy

PROJECT NO: 41.0163097.00
DATE: July 31, 2024
SAMPLER(S): Yunmee Han, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 23.14 - 14.52
Water Column (T) = 8.62 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 8.62 x 0.163
Well Volume (V) = 1.405 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 4.22 (gallons)
Actual = 4.5 [1] (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 16 to 18 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
14:10	0	0	14.52	8.12	1.42	1000	3.07	29.12	90	Start
14:20	10	1.25	14.52	8.36	1.88	1000	2.25	18.69	88	
14:25	15	1.5	14.52	8.17	1.86	1000	1.36	18.80	105	
14:30	20	1.75	14.52	8.16	1.85	1000	1.07	18.81	107	
14:35	25	2	14.52	8.12	1.85	1000	0.89	18.69	109	
14:40	30	2.25	14.52	8.11	1.84	800	0.73	18.5	109	
14:45	35	2.5	14.52	8.11	1.82	593	0.63	18.71	109	
14:50	40	2.75	14.52	8.13	1.23	496	0.63	18.29	108	
14:55	45	3	14.52	8.14	1.83	334	0.63	18.42	107	
15:00	50	3.25	14.52	8.14	1.80	250	0.49	18.59	106	
15:05	55	3.5	14.52	8.13	1.80	193	0.36	18.46	105	
15:10	60	3.75	14.52	8.13	1.79	129	0.26	18.52	104	
15:15	65	4	14.52	8.26	1.80	111	0.16	18.34	99	
15:20	70	4.25	14.52	8.22	1.81	76.3	0.10	18.27	99	
15:25	75	4.5	14.52	8.20	1.80	51.0	0.05	18.28	97	sample here

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm

WELL PURGE DATA SHEET

WELL ID: MW-18

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 80-90's °F, Sunny

PROJECT NO: 41.0163097.00
DATE: August 1, 2024
SAMPLER(S): Yunmee Han, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 22.1 - 15.68
Water Column (T) = 6.42 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 6.42 x 0.163
Well Volume (V) = 1.046 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 3.14 (gallons)
Actual = 15.7 [1] (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 19 to 20 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
8:35	0		15.68							Start purging
8:40	5	0.05	15.69	8.46	1.320	152	3.10	24.23	109	
8:45	10	0.1	15.69	8.23	1.390	164	3.31	20.39	90	
8:55	20									Stop purging to reorganize setup
9:20	45									Purging (starting)
9:25	50	0.2	15.73	8.15	1.290	overrange	3.88	18.22	53	Start purging/orange color
9:30	55	1	15.71	8.06	1.120	overrange	2.00	17.03	10	Slightly orange/decrease purging speed
9:35	60	1.25	15.71	8.02	1.090	1000	2.94	17.01	-33	Slightly orange
9:40	65	1.5	15.69	7.95	0.90	565	2.55	16.97	-7	
9:45	70	2	15.70	7.93	0.88	291	2.15	16.91	-11	Almost clear
9:50	75	2.25	15.70	7.93	0.87	178	1.93	16.84	-16	
9:55	80	2.5	15.71	7.95	0.85	106	1.32	16.83	-22	
10:00	85	2.75	15.71	7.99	0.83	69.2	1.22	16.76	-27	
10:05	90	3	15.71	8.02	0.81	43	1.14	16.77	-32	
10:10	95	3.25	15.70	8.02	0.80	29.3	1.29	26.67	-36	
10:15	100	3.5	15.7	8.05	0.792	21.9	1.12	16.72	-40	Sampled here
11:15	105		15.7							DTW after purging

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

0.0 -> overrange

No odor observed. MW-18 @ 10:15, MW-18-MS @ 10:20, MW-18-MSD @ 10:25

WELL PURGE DATA SHEET

WELL ID: MW- 19

CLIENT: 586 River Ave, LLC
SITE: 101 E 150th St
WEATHER: 60-67°F, Mostly Cloudy

PROJECT NO: 41.0163097.00
DATE: 9/24/2024
SAMPLER(S): J. Natalie

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 24.45 - 14.8
Water Column (T) = 9.65 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 9.65 x 0.163
Well Volume (V) = 1.57 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = _____ (gallons)
Actual = _____ [1] (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
07:30	0		14.80	7.31	2.26	62.3	0.50	17.55	-37	Start
07:35	5		14.83	7.18	2.23	51.4	0.54	17.36	-55	clear
07:40	10		14.85	7.18	2.25	43.4	0.42	17.39	-55	
07:45	15		14.85	7.19	2.21	26.1	0.44	17.33	-60	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID: 0.4 ppm
Sample collected at 07:55
no [redacted] product observed, slight petroleum odor

2nd QUARTER GROUNDWATER SAMPLING

WELL PURGE DATA SHEET

WELL ID: MW-14

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 39-54 °F, Mostly Cloudy

PROJECT NO: 41.0163097.00
DATE: November 25, 2024
SAMPLER(S): Jazlyn Natalie, Lai Wa Chu

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 26.55 - 21.53
Water Column (T) = 5.02 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 5.02 x 0.163
Well Volume (V) = 0.818 (Gallons)

TOTAL VOLUME PURGED:
Design = 2.45 (gallons)
Actual = 2 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
13:10	0	0	21.53	7.40	0.879	13.4	7.67	17.61	-106	Start
13:15	5	1	21.50	7.34	0.893	8.5	7.32	17.48	-120	clear
13:20	10	1.5	21.56	7.32	0.873	6.7	7.38	17.37	-124	
13:25	15	2	21.56	7.32	0.869	4.8	7.32	17.42	-120	
										13:30 MW-14 Collected

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm

slight odor

WELL PURGE DATA SHEET

WELL ID: MW-15

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 39-54 °F, Mostly Cloudy

PROJECT NO: 41.0163097.00
DATE: November 25, 2024
SAMPLER(S): Jazlyn Natalie, Lai Wa Chu

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 21.42 - 15.66
Water Column (T) = 5.76 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 5.76 x 0.163
Well Volume (V) = 0.939 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 2.82 (gallons)
Actual = 2.75 (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
10:40	0	0	15.66	6.86	0.501	92.5	4.46	18.05	-77	Start
10:45	5	1	15.69	6.98	0.500	89.6	1.53	18.03	-111	clear / low turbidity
10:50	10	1.75	15.69	7.18	0.505	63.1	0.87	18.47	-136	
10:55	15	2.5	15.72	7.28	0.510	39.0	0.69	18.53	-151	
11:00	20	2.75	15.72	7.27	0.509	28.9	0.65	18.62	-154	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm
11:05 MW-15 collected
11:10 FD-01 collected

WELL PURGE DATA SHEET

WELL ID: MW-16

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 39-54 °F, Mostly Cloudy

PROJECT NO: 41.0163097.00
DATE: November 25, 2024
SAMPLER(S): Jazlyn Natalie, Lai Wa Chu

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 24.65 - 17.96
Water Column (T) = 6.69 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 6.69 x 0.163
Well Volume (V) = 1.090 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 3.27 (gallons)
Actual = 3 (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
9:15	0	0	17.96	6.88	0.726	130.0	4.30	16.45	190	Start
9:20	5	1	18.02	6.96	0.689	66.8	0.33	17.08	166	
9:25	10	1.75	18.05	7.18	0.681	45.8	0.00	17.11	141	low turbidity
9:30	15	2.5	18.02	7.27	0.678	48.0	0.00	17.34	129	
9:35	20	3	18.02	7.27	0.677	31.0	0.00	17.48	123	MW-16 sampled at 09:35

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm

WELL PURGE DATA SHEET

WELL ID: MW-17

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 39-54 °F, Mostly Cloudy

PROJECT NO: 41.0163097.00
DATE: November 25, 2024
SAMPLER(S): Jazlyn Natalie, Lai Wa Chu

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 22.5 - 15.12
Water Column (T) = 7.38 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 7.38 x 0.163
Well Volume (V) = 1.203 (Gallons)

TOTAL VOLUME PURGED:
Design = 3.61 (gallons)
Actual = 2.5 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
12:05	0	0	15.12	7.14	1.31	120.0	0.53	17.84	-60	Start
12:10	5	1	15.12	7.15	1.37	64.2	0.12	17.88	-46	clear / low turbidity
12:15	10	1.5	15.15	7.15	1.37	51.6	0.10	17.91	-40	
12:20	15	2	15.15	7.16	1.35	43.2	0.04	17.90	-34	
12:25	20	2.5	15.15	7.17	1.35	37.5	0.04	17.86	-31	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm

MW-17 sampled at 12:30

WELL PURGE DATA SHEET

WELL ID: MW-18

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 39-54 °F, Mostly Cloudy

PROJECT NO: 41.0163097.00
DATE: November 25, 2024
SAMPLER(S): Jazlyn Natalie, Lai Wa Chu

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 22 - 16.45
Water Column (T) = 5.55 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 5.55 x 0.163
Well Volume (V) = 0.905 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 2.71 (gallons)
Actual = 1.5 (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
10:15	0	0	16.45	6.57	0.000	175	7.85	17.06	186	Start
10:20	5	0.5	16.51	7.23	0.404	31.4	0.30	16.17	-110	
10:25	10	1.25	16.51	7.27	0.385	25.7	3.00	16.78	-140	
10:30	15	1.5	16.51	7.32	0.368	30.1	5.14	16.93	-160	MW-18 sampled 10:30

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm

slight odor

3rd QUARTER GROUNDWATER SAMPLING

WELL PURGE DATA SHEET

WELL ID: MW-02

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 41-56 °F, Cloudy

PROJECT NO: 41.0163097.00
DATE: February 26, 2025
SAMPLER(S): Jazlyn Natalie

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 22.15 - 13.13
Water Column (T) = 9.02 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 9.02 x 0.163
Well Volume (V) = 1.470 (Gallons)

TOTAL VOLUME PURGED:
Design = 4.41 (gallons)
Actual = 1.25 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
12:55	0	0	13.13	6.94	4.39	82.8	1.43	15.45	43	Start
13:00	5	0.5	13.15	6.93	4.38	52.5	0.32	15.55	44	Clear
13:05	10	1.0	13.15	6.94	4.24	36.4	0.00	15.89	54	
13:10	15	1.25	13.10	6.94	4.20	26.2	0.00	15.85	55	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
PID = 0.0 ppm
no odor or product observed
13:15 MW-02 collected

WELL PURGE DATA SHEET

WELL ID: MW-14

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 39-54 °F, Mostly Cloudy

PROJECT NO: 41.0163097.00
DATE: February 27, 2024
SAMPLER(S): Jazlyn Natalie

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 26.45 - 21.08
Water Column (T) = 5.37 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 5.37 x 0.163
Well Volume (V) = 0.875 (Gallons)

TOTAL VOLUME PURGED:
Design = 2.63 (gallons)
Actual = 2 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
8:30	0	0	21.08	7.21	2.15	92.6	5.67	15.86	-120	Start
8:35	5	1	21.22	7.22	2.01	37.3	0.69	16.18	-130	Clear
8:40	10	1.5	21.22	7.24	1.96	26.6	0.51	16.13	-134	
8:45	15	2	21.80	7.26	1.93	20.7	0.37	16.16	-136	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
PID = 0.0 ppm
no odor or product observed
8:45 MW-14 collected

WELL PURGE DATA SHEET

WELL ID: MW-15

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 41-56 °F, Cloudy

PROJECT NO: 41.0163097.00
DATE: February 26, 2025
SAMPLER(S): Jazlyn Natalie

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 21.25 - 15.8
Water Column (T) = 5.45 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 5.45 x 0.163
Well Volume (V) = 0.888 (Gallons)

TOTAL VOLUME PURGED:
Design = 2.67 (gallons)
Actual = 1.00 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
11:10	0	0	15.80	7.50	0.563	27.1	3.29	14.45	-124	Start
11:15	5	0.5	15.85	7.53	0.543	22.4	1.73	14.70	-150	Clear
11:20	10	1.0	15.81	7.57	0.549	17.6	1.63	14.87	-163	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
PID = 0.0 ppm
faint petroleum odor, no product observed
11:25 MW-15 collected

WELL PURGE DATA SHEET

WELL ID: MW-16

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 41-56 °F, Cloudy

PROJECT NO: 41.0163097.00
DATE: February 26, 2025
SAMPLER(S): Jazlyn Natalie

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 21.25 - 15.8
Water Column (T) = 5.45 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 5.45 x 0.163
Well Volume (V) = 0.888 (Gallons)

TOTAL VOLUME PURGED:
Design = 2.67 (gallons)
Actual = 1.00 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
8:50	0	0	18.13	7.10	2.17	153	10.80	15.37	251	Start
8:55	5	0.5	18.05	7.15	2.07	65.7	7.39	15.40	229	Clear
9:00	10	1.0	18.05	7.12	1.89	30.2	6.28	15.42	210	
9:05	15	1.5	18.14	7.12	1.88	27.3	6.16	15.40	213	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
PID = 0.0 ppm
no odor or product observed
9:10 MW-16 collected

WELL PURGE DATA SHEET

WELL ID: MW-17

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 41-56 °F, Cloudy

PROJECT NO: 41.0163097.00
DATE: February 26, 2025
SAMPLER(S): Jazlyn Natalie

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 22.6 - 15.27
Water Column (T) = 7.33 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 7.33 x 0.163
Well Volume (V) = 1.195 (Gallons)

TOTAL VOLUME PURGED:
Design = 3.58 (gallons)
Actual = 1.00 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling
SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
12:00	0	0	15.27	7.34	1.85	50.3	2.02	13.84	31	Start
12:05	5	0.5	15.30	7.25	1.92	31.4	0.09	13.84	35	Clear
12:10	10	1.0	15.30	7.24	1.91	27.2	0.00	13.83	33	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
PID = 0.0 ppm
no odor or product observed
12:15 MW-17 collected

WELL PURGE DATA SHEET

WELL ID: MW-18

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 41-56 °F, Cloudy

PROJECT NO: 41.0163097.00
DATE: February 26, 2025
SAMPLER(S): Jazlyn Natalie

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 22.1 - 16.62
Water Column (T) = 5.48 (ft)

TOTAL VOLUME PURGED:
Design = 2.68 (gallons)
Actual = 1.00 (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 5.48 x 0.163
Well Volume (V) = 0.893 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

SCREENED INTERVAL: approximately to ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
9:40	0	0	16.62	7.47	0.962	92.3	4.53	13.38	-105	Start
9:45	5	0.5	16.70	7.35	0.897	48.3	1.93	14.08	-139	Clear
9:50	10	1.0	16.70	7.39	0.909	37.9	1.68	14.24	-150	
9:55	15	1.5	16.82	7.39	0.910	28.8	1.61	14.25	-152	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.
PID = 0.0 ppm
faint petroleum odor, no product observed
10:05 MW-18 collected

4th QUARTER GROUNDWATER SAMPLING

WELL PURGE DATA SHEET

WELL ID: MW-14

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 48-53 °F, Overcast, rain

PROJECT NO: 41.0163097.00
DATE: May 22, 2025
SAMPLER(S): Mark Frey, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 26.55 - 20.48
Water Column (T) = 6.07 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 6.07 x 0.163
Well Volume (V) = 0.989 (Gallons)

TOTAL VOLUME PURGED:
Design = 2.97 (gallons)
Actual = 0.75 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 16.55 to 26.55 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
10:27	0	0	16.55	6.06	4.06	164	2.93	12.90	98	Start
10:32	5	0.25	16.57	6.56	3.69	295	0.00	13.67	26	
10:37	10	0.5	16.57	6.67	3.47	18.1	0.00	13.62	16	
10:42	15	0.75	16.57	6.71	3.43	0.0	0.00	13.66	-4	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm

WELL PURGE DATA SHEET

WELL ID: MW-15

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 48-53 °F, Overcast, rain

PROJECT NO: 41.0163097.00
DATE: May 22, 2025
SAMPLER(S): Mark Frey, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 21.8 - 15.05
Water Column (T) = 6.75 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 6.75 x 0.163
Well Volume (V) = 1.100 (Gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

TOTAL VOLUME PURGED:
Design = 3.30 (gallons)
Actual = 1.25 (gallons)

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 11.8 to 21.8 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
11:40	0	0	15.05	7.23	1.03	1000	1.50	12.14	-93	Start
11:45	5	0.25	15.10	7.09	1.02	1000	0.00	12.14	-115	
11:50	10	0.5	15.1	7.16	0.974	325	0.00	12.14	-115	
11:55	15	0.75	15.10	7.19	0.961	116.0	0.00	12.12	-123	
12:00	20	1	15.10	7.20	0.943	99.9	0.00	12.12	-121.0	
12:05	25	1.25	15.10	7.21	0.942	43.1	0.00	12.12	-120.0	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.6 ppm

WELL PURGE DATA SHEET

WELL ID: MW-16

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 48-53 °F, Overcast, rain

PROJECT NO: 41.0163097.00
DATE: May 22, 2025
SAMPLER(S): Mark Frey, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 24.7 - 17.52
Water Column (T) = 7.18 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 7.18 x 0.163
Well Volume (V) = 1.170 (Gallons)

TOTAL VOLUME PURGED:
Design = 3.51 (gallons)
Actual = 0.75 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 14.7 to 24.7 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
12:34	0	0	17.52	7.07	1.74	91.8	1.63	12.43	54	Start
12:39	5	0.25	17.56	7.14	1.68	0	0.00	12.42	40	
12:44	10	0.5	17.56	7.15	1.68	0	0.00	12.43	43	
12:49	15	0.75	17.56	7.15	1.65	0	0.00	12.43	47	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm

WELL PURGE DATA SHEET

WELL ID: MW-17

CLIENT: 586 River Ave., LLC
SITE: 101 East 150th Street, Bronx, NY
WEATHER: 48-53 °F, Overcast, rain

PROJECT NO: 41.0163097.00
DATE: May 22, 2025
SAMPLER(S): Mark Frey, Selia Gupta

COLUMN OF WATER IN WELL:
T = Depth to Bottom (ft) - Static Water Level (ft)
= 22.8 - 14.52
Water Column (T) = 8.28 (ft)

GALLONS OF WATER PER WELL VOLUME:
Well Volume = Water Column (T) (ft) x Multiplier
= 8.28 x 0.163
Well Volume (V) = 1.350 (Gallons)

TOTAL VOLUME PURGED:
Design = 4.05 (gallons)
Actual = 0.75 (gallons)

well diameter	multiplier
1	0.041
1.5	0.092
2	0.163
4	0.653
6	1.469

PURGE RATE: Variable (mL / min)
PURGE METHOD: Peristaltic Pump, Low Flow Sampling

SCREENED INTERVAL: approximately 12.8 to 22.8 ft bgs

WATER QUALITY:

Time	Elapsed Time (Mins)	Purged Volume (gal)	Depth to Water (ft)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/l)	Temp (°C)	ORP	Notes
11:05	0	0	14.52	7.21	1.28	117	1.01	12.47	99	Start
11:10	5	0.25	14.60	7.13	1.22	124	0.00	12.42	85	
11:15	10	0.5	14.60	7.11	1.22	38.5	0.00	12.37	86	
11:20	15	0.75	14.60	7.16	1.19	11.2	0.00	12.35	89	

UNITS:
gal. - gallons
ft. - feet
SU - standard units
ORP - Oxygen Reduction Potential
mS/cm - millisiemens per centimeter
NTU -nephelometric turbidity units
mg/l -milligrams per liter
°C - degrees Celsius
bgs - below ground surface
NA - not applicable

NOTES AND OBSERVATIONS:

1. Purged volume was estimated.

PID = 0.0 ppm

APPENDIX E

LABORATORY REPORTS

ANALYTICAL REPORT

Lab Number:	L2532220
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	SA 101 EAST 150TH
Project Number:	41.0163097.00
Report Date:	06/06/25

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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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2532220-01	MW-14	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 10:45	05/22/25
L2532220-02	MW-15	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 12:00	05/22/25
L2532220-03	MW-16	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 12:50	05/22/25
L2532220-04	MW-17	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 11:20	05/22/25
L2532220-05	DUP-01-2025-05-22	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 00:00	05/22/25
L2532220-06	FB-2025-05-22	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 12:45	05/22/25
L2532220-07	TB-01	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 00:00	05/22/25
L2532220-08	TB-02	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 00:00	05/22/25
L2532220-09	EB-2025-05-22	WATER	101 EAST 150TH ST., BRONX, NY	05/22/25 12:00	05/22/25

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2532220
Project Number:	41.0163097.00	**Report Date:**	06/06/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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:	SA 101 EAST 150TH	**Lab Number:**	L2532220
Project Number:	41.0163097.00	**Report Date:**	06/06/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2532220-01 through -09: The Collection Date was obtained from the container labels.

The analyses performed were specified by the client.

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: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 06/06/25

ORGANICS

VOLATILES

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 10:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/05/25 15:39
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	2.0	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	3.5		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01 Date Collected: 05/22/25 10:45

Client ID: MW-14 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	4.0		ug/l	2.5	0.70	1
sec-Butylbenzene	5.5		ug/l	2.5	0.70	1
tert-Butylbenzene	0.90	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	14		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01 Date Collected: 05/22/25 10:45

Client ID: MW-14 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	26		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	13		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	22		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	16		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	104	J	ug/l			1
Unknown Aromatic	7.52	J	ug/l			1
Unknown Aromatic	8.96	J	ug/l			1
Unknown Benzene	5.61	J	ug/l			1
Unknown Cycloalkane	4.23	J	ug/l			1
Unknown Aromatic	6.14	J	ug/l			1
Unknown Aromatic	9.96	J	ug/l			1
Unknown Aromatic	13.0	J	ug/l			1
Unknown Benzene	12.0	J	ug/l			1
Unknown Aromatic	3.26	J	ug/l			1
Unknown Aromatic	33.8	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/31/25 16:05
Analyst: KAB

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	2.3	J	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	0.23	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	10		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02 Date Collected: 05/22/25 12:00

Client ID: MW-15 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.6		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	3.9		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	3.9		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	0.74	J	ug/l	2.5	0.70	1
sec-Butylbenzene	2.6		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	6.8		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	4.1		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02 Date Collected: 05/22/25 12:00

Client ID: MW-15 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	5.5		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	1.8	J	ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Tentatively Identified Compounds						
Total TIC Compounds	11.7	J	ug/l			1
Unknown	1.24	J	ug/l			1
Unknown	1.33	J	ug/l			1
Unknown Cycloalkane	1.34	J	ug/l			1
Unknown	1.00	J	ug/l			1
Unknown	1.31	J	ug/l			1
Unknown Aromatic	5.51	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	115		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:50
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/31/25 16:29
Analyst: KAB

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	0.36	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03 Date Collected: 05/22/25 12:50

Client ID: MW-16 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	1.8	J	ug/l	2.5	0.70	1
tert-Butylbenzene	0.74	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03 Date Collected: 05/22/25 12:50

Client ID: MW-16 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**132**	Q	70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	118		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 11:20
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/05/25 16:04
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	2.3	J	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	0.43	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	2.5		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04 Date Collected: 05/22/25 11:20

Client ID: MW-17 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	16		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	5.9		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	5.9		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04 Date Collected: 05/22/25 11:20

Client ID: MW-17 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.45	J	ug/l			1
Unknown	1.45	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	103		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05
Client ID: DUP-01-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 00:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/31/25 17:19
Analyst: KAB

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	2.3	J	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	0.25	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	10		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05 Date Collected: 05/22/25 00:00

Client ID: DUP-01-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	4.2		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	4.2		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	0.76	J	ug/l	2.5	0.70	1
sec-Butylbenzene	2.6		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	6.9		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	4.1		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05 Date Collected: 05/22/25 00:00

Client ID: DUP-01-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	5.6		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	1.7	J	ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	14.6	J	ug/l			1
Unknown	1.46	J	ug/l			1
Unknown Aromatic	1.20	J	ug/l			1
Benzene, (2-methyl-1-butenyl)-	1.28	NJ	ug/l			1
Unknown	1.22	J	ug/l			1
Cyclohexane, 1,2-dimethyl-	1.06	NJ	ug/l			1
Unknown Aromatic	5.40	J	ug/l			1
Unknown Cycloalkane	1.55	J	ug/l			1
Unknown	1.41	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	114		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06
Client ID: FB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/31/25 14:02
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06 Date Collected: 05/22/25 12:45

Client ID: FB-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06 Date Collected: 05/22/25 12:45

Client ID: FB-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	122		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-07
Client ID: TB-01
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 00:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/31/25 14:26
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-07 Date Collected: 05/22/25 00:00

Client ID: TB-01 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-07 Date Collected: 05/22/25 00:00

Client ID: TB-01 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**133**	Q	70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	126		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-08
Client ID: TB-02
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 00:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/31/25 14:51
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-08 Date Collected: 05/22/25 00:00

Client ID: TB-02 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-08 Date Collected: 05/22/25 00:00

Client ID: TB-02 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	**131**	Q	70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	122		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09
Client ID: EB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/31/25 15:15
Analyst: KAB

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09 Date Collected: 05/22/25 12:00

Client ID: EB-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09 Date Collected: 05/22/25 12:00

Client ID: EB-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	121		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/31/25 11:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-09 Batch: WG2073949-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/31/25 11:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-09 Batch: WG2073949-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/31/25 11:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-09 Batch: WG2073949-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/31/25 11:34
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,05-09 Batch: WG2073949-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	118		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/25 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG2075858-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/25 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG2075858-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/25 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG2075858-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds			
Total TIC Compounds	1.22	J	ug/l
Unknown	1.22	J	ug/l

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/05/25 08:39
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,04 Batch: WG2075858-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-09 Batch: WG2073949-3 WG2073949-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	120		120		70-130	0		20
Carbon tetrachloride	**150**	Q	**150**	Q	63-132	0		20
1,2-Dichloropropane	90		90		70-130	0		20
Dibromochloromethane	110		110		63-130	0		20
1,1,2-Trichloroethane	92		87		70-130	6		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	**160**	Q	**160**	Q	62-150	0		20
1,2-Dichloroethane	120		120		70-130	0		20
1,1,1-Trichloroethane	**140**	Q	**150**	Q	67-130	7		20
Bromodichloromethane	120		120		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	86		84		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	100		110		70-130	10		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	84		88		64-130	5		20
Bromomethane	120		120		39-139	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-09 Batch: WG2073949-3 WG2073949-4								
Vinyl chloride	96		98		55-140	2		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	110		100		63-130	10		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	120		110		70-130	9		20
Dibromomethane	120		120		70-130	0		20
1,2,3-Trichloropropane	95		88		64-130	8		20
Acrylonitrile	87		86		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	**150**	Q	**150**	Q	36-147	0		20
Acetone	76		72		58-148	5		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	**58**	Q	64		63-138	10		20
Vinyl acetate	73		**68**	Q	70-130	7		20
4-Methyl-2-pentanone	82		76		59-130	8		20
2-Hexanone	69		65		57-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-09 Batch: WG2073949-3 WG2073949-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	**140**	Q	**140**	Q	63-133	0		20
1,2-Dibromoethane	98		98		70-130	0		20
1,3-Dichloropropane	93		90		70-130	3		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	96		95		70-130	1		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	96		97		41-144	1		20
Hexachlorobutadiene	**150**	Q	**150**	Q	63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	98		95		70-130	3		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	110		110		70-130	0		20
1,2,4-Trichlorobenzene	110		110		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	98		98		56-162	0		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,05-09 Batch: WG2073949-3 WG2073949-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	95		100		59-134	5		20
trans-1,4-Dichloro-2-butene	91		87		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		114		70-130
Toluene-d8	97		99		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	110		111		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG2075858-3 WG2075858-4								
Methylene chloride	98		93		70-130	5		20
1,1-Dichloroethane	100		96		70-130	4		20
Chloroform	100		93		70-130	7		20
Carbon tetrachloride	100		90		63-132	11		20
1,2-Dichloropropane	98		91		70-130	7		20
Dibromochloromethane	84		76		63-130	10		20
1,1,2-Trichloroethane	78		73		70-130	7		20
Tetrachloroethene	110		93		70-130	17		20
Chlorobenzene	100		92		75-130	8		20
Trichlorofluoromethane	120		100		62-150	18		20
1,2-Dichloroethane	90		85		70-130	6		20
1,1,1-Trichloroethane	100		93		67-130	7		20
Bromodichloromethane	87		82		67-130	6		20
trans-1,3-Dichloropropene	84		76		70-130	10		20
cis-1,3-Dichloropropene	92		86		70-130	7		20
1,1-Dichloropropene	100		89		70-130	12		20
Bromoform	82		72		54-136	13		20
1,1,2,2-Tetrachloroethane	82		73		67-130	12		20
Benzene	97		90		70-130	7		20
Toluene	100		90		70-130	11		20
Ethylbenzene	100		91		70-130	9		20
Chloromethane	96		88		64-130	9		20
Bromomethane	94		84		39-139	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG2075858-3 WG2075858-4								
Vinyl chloride	110		96		55-140	14		20
Chloroethane	100		99		55-138	1		20
1,1-Dichloroethene	110		98		61-145	12		20
trans-1,2-Dichloroethene	100		95		70-130	5		20
Trichloroethene	90		84		70-130	7		20
1,2-Dichlorobenzene	100		92		70-130	8		20
1,3-Dichlorobenzene	100		93		70-130	7		20
1,4-Dichlorobenzene	100		92		70-130	8		20
Methyl tert butyl ether	84		78		63-130	7		20
p/m-Xylene	105		95		70-130	10		20
o-Xylene	105		95		70-130	10		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Dibromomethane	98		92		70-130	6		20
1,2,3-Trichloropropane	89		79		64-130	12		20
Acrylonitrile	79		75		70-130	5		20
Styrene	100		90		70-130	11		20
Dichlorodifluoromethane	110		96		36-147	14		20
Acetone	68		69		58-148	1		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	84		64		63-138	**27**	Q	20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	72		67		59-130	7		20
2-Hexanone	68		61		57-130	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG2075858-3 WG2075858-4								
Bromochloromethane	100		99		70-130	1		20
2,2-Dichloropropane	110		98		63-133	12		20
1,2-Dibromoethane	88		80		70-130	10		20
1,3-Dichloropropane	89		81		70-130	9		20
1,1,1,2-Tetrachloroethane	90		82		64-130	9		20
Bromobenzene	100		92		70-130	8		20
n-Butylbenzene	100		92		53-136	8		20
sec-Butylbenzene	110		94		70-130	16		20
tert-Butylbenzene	100		94		70-130	6		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	100		90		70-130	11		20
1,2-Dibromo-3-chloropropane	81		74		41-144	9		20
Hexachlorobutadiene	120		100		63-130	18		20
Isopropylbenzene	100		92		70-130	8		20
p-Isopropyltoluene	110		93		70-130	17		20
Naphthalene	96		86		70-130	11		20
n-Propylbenzene	100		92		69-130	8		20
1,2,3-Trichlorobenzene	110		93		70-130	17		20
1,2,4-Trichlorobenzene	100		94		70-130	6		20
1,3,5-Trimethylbenzene	100		89		64-130	12		20
1,2,4-Trimethylbenzene	130		110		70-130	17		20
1,4-Dioxane	96		84		56-162	13		20
p-Diethylbenzene	100		91		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,04 Batch: WG2075858-3 WG2075858-4								
p-Ethyltoluene	100		93		70-130	7		20
1,2,4,5-Tetramethylbenzene	100		89		70-130	12		20
Ethyl ether	90		87		59-134	3		20
trans-1,4-Dichloro-2-butene	73		**64**	Q	70-130	13		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		91		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	100		103		70-130

SEMIVOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 10:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/28/25 05:39
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01 Date Collected: 05/22/25 10:45

Client ID: MW-14 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01 Date Collected: 05/22/25 10:45

Client ID: MW-14 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	157	J	ug/l			1
Unknown Benzene	12.5	J	ug/l			1
Benzene, Propyl-	12.1	NJ	ug/l			1
Unknown	12.1	J	ug/l			1
Unknown	4.10	J	ug/l			1
Unknown	7.40	J	ug/l			1
Unknown	8.80	J	ug/l			1
Unknown	7.40	J	ug/l			1
Unknown	11.4	J	ug/l			1
Unknown	14.5	J	ug/l			1
Unknown Benzene	8.10	J	ug/l			1
Unknown	8.30	J	ug/l			1
Unknown Organic Acid	4.90	J	ug/l			1
Unknown Benzene	8.90	J	ug/l			1
Unknown	29.5	J	ug/l			1
Unknown	7.20	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	97		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 10:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 10:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.05	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.17		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.46		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.08	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Chrysene	0.06	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.09	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.02	1
Pyrene	0.17		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01 Date Collected: 05/22/25 10:45

Client ID: MW-14 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	90		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/28/25 06:01
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02 Date Collected: 05/22/25 12:00

Client ID: MW-15 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	133	J	ug/l			1
Unknown	7.00	J	ug/l			1
Unknown	10.1	J	ug/l			1
Unknown	8.60	J	ug/l			1
Unknown	8.90	J	ug/l			1
Unknown Siloxane	5.60	J	ug/l			1
Unknown	9.60	J	ug/l			1
Unknown	6.50	J	ug/l			1
Unknown	6.10	J	ug/l			1
Unknown	11.2	J	ug/l			1
Unknown	9.00	J	ug/l			1
Unknown	9.70	J	ug/l			1
Unknown	10.1	J	ug/l			1
Unknown	15.6	J	ug/l			1
Unknown	9.20	J	ug/l			1
Unknown	5.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	90		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 11:03
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	1.3		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	**128**	Q	10-120
4-Terphenyl-d14	101		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:50
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/28/25 06:24
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03 Date Collected: 05/22/25 12:50

Client ID: MW-16 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	27.4	J	ug/l			1
Unknown	11.2	J	ug/l			1
Unknown	4.60	J	ug/l			1
Unknown	11.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	84		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:50
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 11:19
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.09	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03 Date Collected: 05/22/25 12:50

Client ID: MW-16 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	91		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 11:20
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/28/25 06:46
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 11:20
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	39.1	J	ug/l			1
Unknown	4.90	J	ug/l			1
Unknown	10.0	J	ug/l			1
Unknown	4.30	J	ug/l			1
Unknown	11.4	J	ug/l			1
Unknown	8.50	J	ug/l			1

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 11:20
Date Received: 05/22/25
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	41		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	76		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 11:20
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 11:36
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04 Date Collected: 05/22/25 11:20

Client ID: MW-17 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	79		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05
Client ID: DUP-01-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 00:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/28/25 07:08
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05 Date Collected: 05/22/25 00:00

Client ID: DUP-01-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05 Date Collected: 05/22/25 00:00

Client ID: DUP-01-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	141	J	ug/l			1
Unknown Siloxane	7.00	J	ug/l			1
Unknown	12.0	J	ug/l			1
Unknown	5.40	J	ug/l			1
Unknown	7.70	J	ug/l			1
Unknown	11.9	J	ug/l			1
Unknown	6.60	J	ug/l			1
Unknown	16.9	J	ug/l			1
Unknown	12.3	J	ug/l			1
Unknown	13.3	J	ug/l			1
Unknown	4.80	J	ug/l			1
Unknown	12.2	J	ug/l			1
Unknown	18.7	J	ug/l			1
Unknown	5.10	J	ug/l			1
Unknown	6.60	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	90		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05
Client ID: DUP-01-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 00:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 11:53
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	1.4		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05 Date Collected: 05/22/25 00:00

Client ID: DUP-01-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	84		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06
Client ID: FB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/28/25 07:30
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06 Date Collected: 05/22/25 12:45

Client ID: FB-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	25.9	J	ug/l			1
Unknown	12.0	J	ug/l			1
Unknown	4.10	J	ug/l			1
Unknown	5.50	J	ug/l			1
Unknown Siloxane	4.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	79		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06
Client ID: FB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 12:10
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06
Client ID: FB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	88		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09
Client ID: EB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/28/25 07:53
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09 Date Collected: 05/22/25 12:00

Client ID: EB-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	55.2	J	ug/l			1
Unknown	5.30	J	ug/l			1
Unknown	9.70	J	ug/l			1
Unknown	4.10	J	ug/l			1
Unknown	4.50	J	ug/l			1
Unknown	5.10	J	ug/l			1
Unknown	6.30	J	ug/l			1
Unknown	6.60	J	ug/l			1
Unknown	4.40	J	ug/l			1
Unknown	4.50	J	ug/l			1
Unknown	4.70	J	ug/l			1

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09
Client ID: EB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:00
Date Received: 05/22/25
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	40		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	79		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09
Client ID: EB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 12:26
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09
Client ID: EB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	89		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/28/25 01:56
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG2071281-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/28/25 01:56
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG2071281-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/28/25 01:56
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG2071281-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	37.7	J	ug/l
Unknown	14.2	J	ug/l
Unknown	4.20	J	ug/l
Unknown	10.7	J	ug/l
Unknown	4.30	J	ug/l

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/28/25 01:56
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06,09 Batch: WG2071281-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	70		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 09:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06,09 Batch: WG2071282-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/28/25 09:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 05/26/25 15:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06,09 Batch: WG2071282-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG2071281-2 WG2071281-3								
Acenaphthene	63		65		37-111	3		30
1,2,4-Trichlorobenzene	49		51		39-98	4		30
Hexachlorobenzene	74		82		40-140	10		30
Bis(2-chloroethyl)ether	67		70		40-140	4		30
2-Chloronaphthalene	59		60		40-140	2		30
1,2-Dichlorobenzene	52		50		40-140	4		30
1,3-Dichlorobenzene	48		47		40-140	2		30
1,4-Dichlorobenzene	47		50		36-97	6		30
3,3'-Dichlorobenzidine	50		57		40-140	13		30
2,4-Dinitrotoluene	63		68		48-143	8		30
2,6-Dinitrotoluene	68		76		40-140	11		30
Fluoranthene	74		79		40-140	7		30
4-Chlorophenyl phenyl ether	68		71		40-140	4		30
4-Bromophenyl phenyl ether	75		77		40-140	3		30
Bis(2-chloroisopropyl)ether	64		65		40-140	2		30
Bis(2-chloroethoxy)methane	65		70		40-140	7		30
Hexachlorobutadiene	49		43		40-140	13		30
Hexachlorocyclopentadiene	42		40		40-140	5		30
Hexachloroethane	42		41		40-140	2		30
Isophorone	58		62		40-140	7		30
Naphthalene	57		56		40-140	2		30
Nitrobenzene	64		66		40-140	3		30
NDPA/DPA	68		76		40-140	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG2071281-2 WG2071281-3								
n-Nitrosodi-n-propylamine	69		71		29-132	3		30
Bis(2-ethylhexyl)phthalate	70		80		40-140	13		30
Butyl benzyl phthalate	68		74		40-140	8		30
Di-n-butylphthalate	65		78		40-140	18		30
Di-n-octylphthalate	71		81		40-140	13		30
Diethyl phthalate	66		78		40-140	17		30
Dimethyl phthalate	69		76		40-140	10		30
Benzo(a)anthracene	71		80		40-140	12		30
Benzo(a)pyrene	75		85		40-140	13		30
Benzo(b)fluoranthene	79		87		40-140	10		30
Benzo(k)fluoranthene	73		82		40-140	12		30
Chrysene	74		83		40-140	11		30
Acenaphthylene	62		65		45-123	5		30
Anthracene	68		75		40-140	10		30
Benzo(ghi)perylene	76		87		40-140	13		30
Fluorene	68		72		40-140	6		30
Phenanthrene	70		75		40-140	7		30
Dibenzo(a,h)anthracene	76		84		40-140	10		30
Indeno(1,2,3-cd)pyrene	74		81		40-140	9		30
Pyrene	70		79		26-127	12		30
Biphenyl	64		67		40-140	5		30
4-Chloroaniline	40		45		40-140	12		30
2-Nitroaniline	68		70		52-143	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG2071281-2 WG2071281-3								
3-Nitroaniline	56		68		25-145	19		30
4-Nitroaniline	62		66		51-143	6		30
Dibenzofuran	65		70		40-140	7		30
2-Methylnaphthalene	57		60		40-140	5		30
1,2,4,5-Tetrachlorobenzene	61		62		2-134	2		30
Acetophenone	70		73		39-129	4		30
2,4,6-Trichlorophenol	73		82		30-130	12		30
p-Chloro-m-cresol	74		74		23-97	0		30
2-Chlorophenol	63		68		27-123	8		30
2,4-Dichlorophenol	72		77		30-130	7		30
2,4-Dimethylphenol	40		60		30-130	**40**	Q	30
2-Nitrophenol	66		73		30-130	10		30
4-Nitrophenol	49		51		10-80	4		30
2,4-Dinitrophenol	68		83		20-130	20		30
4,6-Dinitro-o-cresol	67		72		20-164	7		30
Pentachlorophenol	73		83		9-103	13		30
Phenol	35		40		12-110	13		30
2-Methylphenol	57		66		30-130	15		30
3-Methylphenol/4-Methylphenol	56		62		30-130	10		30
2,4,5-Trichlorophenol	76		84		30-130	10		30
Benzoic Acid	91		90		10-164	1		30
Benzyl Alcohol	56		59		26-116	5		30
Carbazole	69		77		55-144	11		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06,09 Batch: WG2071281-2 WG2071281-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		53		21-120
Phenol-d6	40		42		10-120
Nitrobenzene-d5	66		67		23-120
2-Fluorobiphenyl	64		65		15-120
2,4,6-Tribromophenol	90		91		10-120
4-Terphenyl-d14	78		84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06,09 Batch: WG2071282-2 WG2071282-3								
Acenaphthene	68		75		40-140	10		40
2-Chloronaphthalene	64		67		40-140	5		40
Fluoranthene	80		95		40-140	17		40
Hexachlorobutadiene	47		43		40-140	9		40
Naphthalene	59		62		40-140	5		40
Benzo(a)anthracene	83		98		40-140	17		40
Benzo(a)pyrene	91		105		40-140	14		40
Benzo(b)fluoranthene	83		97		40-140	16		40
Benzo(k)fluoranthene	84		99		40-140	16		40
Chrysene	78		92		40-140	16		40
Acenaphthylene	74		78		40-140	5		40
Anthracene	79		88		40-140	11		40
Benzo(ghi)perylene	95		113		40-140	17		40
Fluorene	76		84		40-140	10		40
Phenanthrene	77		88		40-140	13		40
Dibenzo(a,h)anthracene	94		112		40-140	17		40
Indeno(1,2,3-cd)pyrene	93		113		40-140	19		40
Pyrene	80		95		40-140	17		40
2-Methylnaphthalene	55		57		40-140	4		40
Pentachlorophenol	102		114		40-140	11		40
Hexachlorobenzene	83		92		40-140	10		40
Hexachloroethane	44		40		40-140	10		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06,09 Batch: WG2071282-2 WG2071282-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		62		21-120
Phenol-d6	44		45		10-120
Nitrobenzene-d5	74		76		23-120
2-Fluorobiphenyl	69		70		15-120
2,4,6-Tribromophenol	117		**129**	Q	10-120
4-Terphenyl-d14	86		103		41-149

METALS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 10:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.514		mg/l	0.100	0.0327	10	05/28/25 15:30	06/03/25 11:57	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00421		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Barium, Total	0.3055		mg/l	0.00050	0.00017	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00009	J	mg/l	0.00020	0.00005	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Calcium, Total	184.		mg/l	1.00	0.394	10	05/28/25 15:30	06/03/25 11:57	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00114		mg/l	0.00100	0.00017	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00074		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Copper, Total	0.00167		mg/l	0.00100	0.00038	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Iron, Total	8.13		mg/l	0.0500	0.0191	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Lead, Total	0.00186		mg/l	0.00100	0.00034	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Magnesium, Total	30.7		mg/l	0.700	0.242	10	05/28/25 15:30	06/03/25 11:57	EPA 3005A	1,6020B	BLR
Manganese, Total	1.469		mg/l	0.00100	0.00044	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/28/25 17:48	05/30/25 13:33	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00199	J	mg/l	0.00200	0.00055	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Potassium, Total	9.12		mg/l	1.00	0.309	10	05/28/25 15:30	06/03/25 11:57	EPA 3005A	1,6020B	BLR
Selenium, Total	0.00177	J	mg/l	0.00500	0.00173	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Sodium, Total	389.		mg/l	5.00	0.293	10	05/28/25 15:30	06/03/25 11:57	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Zinc, Total	0.00378	J	mg/l	0.01000	0.00341	1	05/28/25 15:30	06/03/25 11:09	EPA 3005A	1,6020B	BLR
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00454	J	mg/l	0.0100	0.00327	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Antimony, Dissolved	0.00535		mg/l	0.00400	0.00042	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Arsenic, Dissolved	0.00127		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Barium, Dissolved	0.2793		mg/l	0.00050	0.00017	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 05/22/25 10:45
Date Received: 05/22/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Calcium, Dissolved	196.		mg/l	0.100	0.0394	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Cobalt, Dissolved	0.00056		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Iron, Dissolved	0.200		mg/l	0.0500	0.0191	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Lead, Dissolved	0.00063	J	mg/l	0.00100	0.00034	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Magnesium, Dissolved	33.3		mg/l	0.0700	0.0242	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Manganese, Dissolved	1.451		mg/l	0.00100	0.00044	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/27/25 17:03	05/29/25 17:07	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00133	J	mg/l	0.00200	0.00055	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Potassium, Dissolved	8.76		mg/l	0.100	0.0309	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Sodium, Dissolved	435.		mg/l	5.00	0.293	10	05/27/25 16:18	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/27/25 16:18	06/03/25 10:04	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02 Date Collected: 05/22/25 12:00

Client ID: MW-15 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.290		mg/l	0.0100	0.00327	1	05/28/25 15:30	06/03/25 12:01	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.01361		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Barium, Total	0.08602		mg/l	0.00050	0.00017	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/28/25 15:30	06/03/25 12:01	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Calcium, Total	62.0		mg/l	0.100	0.0394	1	05/28/25 15:30	06/03/25 12:01	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00048	J	mg/l	0.00100	0.00017	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00164		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Copper, Total	0.00089	J	mg/l	0.00100	0.00038	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Iron, Total	9.50		mg/l	0.0500	0.0191	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Lead, Total	0.00099	J	mg/l	0.00100	0.00034	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Magnesium, Total	9.01		mg/l	0.0700	0.0242	1	05/28/25 15:30	06/03/25 12:01	EPA 3005A	1,6020B	BLR
Manganese, Total	1.734		mg/l	0.00100	0.00044	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/28/25 17:48	05/30/25 13:43	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00086	J	mg/l	0.00200	0.00055	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Potassium, Total	3.29		mg/l	0.100	0.0309	1	05/28/25 15:30	06/03/25 12:01	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Sodium, Total	99.4		mg/l	0.500	0.0293	1	05/28/25 15:30	06/03/25 12:01	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/28/25 15:30	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00336	J	mg/l	0.0100	0.00327	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Antimony, Dissolved	0.00129	J	mg/l	0.00400	0.00042	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Arsenic, Dissolved	0.00113		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Barium, Dissolved	0.05428		mg/l	0.00050	0.00017	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Calcium, Dissolved	67.2		mg/l	0.100	0.0394	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Chromium, Dissolved	0.00018	J	mg/l	0.00100	0.00017	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Cobalt, Dissolved	0.00189		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Iron, Dissolved	0.0460	J	mg/l	0.0500	0.0191	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Magnesium, Dissolved	9.63		mg/l	0.0700	0.0242	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Manganese, Dissolved	1.754		mg/l	0.00100	0.00044	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/27/25 17:03	05/29/25 17:10	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00089	J	mg/l	0.00200	0.00055	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Potassium, Dissolved	3.48		mg/l	0.100	0.0309	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Sodium, Dissolved	110.		mg/l	0.500	0.0293	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/27/25 16:18	06/03/25 10:09	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03 Date Collected: 05/22/25 12:50

Client ID: MW-16 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.137		mg/l	0.0100	0.00327	1	05/28/25 15:30	06/03/25 12:53	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00027	J	mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Barium, Total	0.07883		mg/l	0.00050	0.00017	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/28/25 15:30	06/03/25 12:53	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00021		mg/l	0.00020	0.00005	1	05/28/25 15:30	06/03/25 12:53	EPA 3005A	1,6020B	BLR
Calcium, Total	132.		mg/l	0.100	0.0394	1	05/28/25 15:30	06/03/25 12:53	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00039	J	mg/l	0.00100	0.00017	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00073		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Copper, Total	0.00112		mg/l	0.00100	0.00038	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Iron, Total	0.209		mg/l	0.0500	0.0191	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Lead, Total	0.00066	J	mg/l	0.00100	0.00034	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Magnesium, Total	17.6		mg/l	0.0700	0.0242	1	05/28/25 15:30	06/03/25 12:53	EPA 3005A	1,6020B	BLR
Manganese, Total	5.498		mg/l	0.00100	0.00044	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/28/25 17:48	05/30/25 13:46	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00082	J	mg/l	0.00200	0.00055	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Potassium, Total	6.80		mg/l	0.100	0.0309	1	05/28/25 15:30	06/03/25 12:53	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Sodium, Total	176.		mg/l	0.500	0.0293	1	05/28/25 15:30	06/03/25 12:53	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/28/25 15:30	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00619	J	mg/l	0.0100	0.00327	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Antimony, Dissolved	0.00070	J	mg/l	0.00400	0.00042	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Arsenic, Dissolved	0.00024	J	mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Barium, Dissolved	0.07332		mg/l	0.00050	0.00017	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:50
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00021		mg/l	0.00020	0.00005	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Calcium, Dissolved	141.		mg/l	0.100	0.0394	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Cobalt, Dissolved	0.00058		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Copper, Dissolved	0.00101		mg/l	0.00100	0.00038	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Magnesium, Dissolved	18.5		mg/l	0.0700	0.0242	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Manganese, Dissolved	4.906		mg/l	0.00100	0.00044	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/27/25 17:03	05/29/25 17:14	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	0.00087	J	mg/l	0.00200	0.00055	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Potassium, Dissolved	7.28		mg/l	0.100	0.0309	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Sodium, Dissolved	188.		mg/l	0.500	0.0293	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR
Zinc, Dissolved	0.00375	J	mg/l	0.01000	0.00341	1	05/27/25 16:18	06/03/25 10:13	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04 Date Collected: 05/22/25 11:20

Client ID: MW-17 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.725		mg/l	0.0100	0.00327	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.00053		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Barium, Total	0.06328		mg/l	0.00050	0.00017	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Cadmium, Total	0.00007	J	mg/l	0.00020	0.00005	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Calcium, Total	53.6		mg/l	0.100	0.0394	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00210		mg/l	0.00100	0.00017	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00146		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Copper, Total	0.00181		mg/l	0.00100	0.00038	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Iron, Total	1.10		mg/l	0.0500	0.0191	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Lead, Total	0.00175		mg/l	0.00100	0.00034	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Magnesium, Total	3.64		mg/l	0.0700	0.0242	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Manganese, Total	1.450		mg/l	0.00100	0.00044	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/28/25 17:48	05/30/25 13:49	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00134	J	mg/l	0.00200	0.00055	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Potassium, Total	6.50		mg/l	0.100	0.0309	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Selenium, Total	0.00185	J	mg/l	0.00500	0.00173	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Sodium, Total	133.		mg/l	0.500	0.0293	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Vanadium, Total	0.00215	J	mg/l	0.00500	0.00157	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Zinc, Total	0.00471	J	mg/l	0.01000	0.00341	1	05/28/25 15:30	06/03/25 11:23	EPA 3005A	1,6020B	BLR
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00692	J	mg/l	0.0100	0.00327	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Antimony, Dissolved	0.00052	J	mg/l	0.00400	0.00042	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Barium, Dissolved	0.05155		mg/l	0.00050	0.00017	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 11:20
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Calcium, Dissolved	59.4		mg/l	0.100	0.0394	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Chromium, Dissolved	0.00040	J	mg/l	0.00100	0.00017	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Cobalt, Dissolved	0.00041	J	mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Copper, Dissolved	0.00077	J	mg/l	0.00100	0.00038	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Magnesium, Dissolved	4.51		mg/l	0.0700	0.0242	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Manganese, Dissolved	1.054		mg/l	0.00100	0.00044	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/27/25 17:03	05/29/25 17:17	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Potassium, Dissolved	7.42		mg/l	0.100	0.0309	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Sodium, Dissolved	175.		mg/l	0.500	0.0293	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/27/25 16:18	06/03/25 10:17	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05
Client ID: DUP-01-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 00:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.129		mg/l	0.0100	0.00327	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Arsenic, Total	0.01227		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Barium, Total	0.07828		mg/l	0.00050	0.00017	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Calcium, Total	66.0		mg/l	0.100	0.0394	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Chromium, Total	0.00034	J	mg/l	0.00100	0.00017	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Cobalt, Total	0.00187		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Copper, Total	0.00058	J	mg/l	0.00100	0.00038	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Iron, Total	8.76		mg/l	0.0500	0.0191	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Lead, Total	0.00060	J	mg/l	0.00100	0.00034	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Magnesium, Total	8.86		mg/l	0.0700	0.0242	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Manganese, Total	1.689		mg/l	0.00100	0.00044	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/28/25 17:48	05/30/25 13:56	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00082	J	mg/l	0.00200	0.00055	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Potassium, Total	3.29		mg/l	0.100	0.0309	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Sodium, Total	94.0		mg/l	0.500	0.0293	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/28/25 15:30	06/03/25 12:58	EPA 3005A	1,6020B	BLR
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00784	J	mg/l	0.0100	0.00327	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Arsenic, Dissolved	0.00195		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Barium, Dissolved	0.05614		mg/l	0.00050	0.00017	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05
Client ID: DUP-01-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 00:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Calcium, Dissolved	67.6		mg/l	0.100	0.0394	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Cobalt, Dissolved	0.00200		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Iron, Dissolved	0.732		mg/l	0.0500	0.0191	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Magnesium, Dissolved	9.40		mg/l	0.0700	0.0242	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Manganese, Dissolved	1.766		mg/l	0.00100	0.00044	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/27/25 17:03	05/29/25 17:20	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Potassium, Dissolved	3.51		mg/l	0.100	0.0309	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Sodium, Dissolved	105.		mg/l	0.500	0.0293	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/27/25 16:18	06/03/25 10:22	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06
Client ID: FB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/28/25 17:48	05/30/25 13:59	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Sodium, Total	0.0501	J	mg/l	0.500	0.0293	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Thallium, Total	0.00017	J	mg/l	0.00100	0.00014	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/28/25 15:30	06/03/25 11:52	EPA 3005A	1,6020B	BLR
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Antimony, Dissolved	0.00049	J	mg/l	0.00400	0.00042	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Lab Number: L2532220
Project Number: 41.0163097.00
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06
Client ID: FB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Calcium, Dissolved	0.0736	J	mg/l	0.100	0.0394	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Copper, Dissolved	0.00042	J	mg/l	0.00100	0.00038	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Manganese, Dissolved	0.00091	J	mg/l	0.00100	0.00044	1	05/27/25 16:18	06/03/25 11:14	EPA 3005A	1,6020B	BLR
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/27/25 17:03	05/29/25 17:24	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Sodium, Dissolved	0.301	J	mg/l	0.500	0.0293	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/27/25 16:18	06/03/25 10:26	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH **Lab Number:** L2532220

Project Number: 41.0163097.00 **Report Date:** 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09 Date Collected: 05/22/25 12:00

Client ID: EB-2025-05-22 Date Received: 05/22/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Calcium, Total	0.0994	J	mg/l	0.100	0.0394	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/28/25 15:30	06/03/25 14:17	EPA 3005A	1,6020B	BLR
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/28/25 17:48	05/30/25 14:03	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Potassium, Total	0.0360	J	mg/l	0.100	0.0309	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Sodium, Total	0.159	J	mg/l	0.500	0.0293	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/28/25 15:30	06/03/25 13:03	EPA 3005A	1,6020B	BLR
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00500	J	mg/l	0.0100	0.00327	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09
Client ID: EB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Calcium, Dissolved	0.0932	J	mg/l	0.100	0.0394	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Copper, Dissolved	0.00155		mg/l	0.00100	0.00038	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Manganese, Dissolved	0.00080	J	mg/l	0.00100	0.00044	1	05/27/25 16:18	06/03/25 11:18	EPA 3005A	1,6020B	BLR
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/27/25 17:03	05/29/25 17:33	EPA 7470A	1,7470A	MJR
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Sodium, Dissolved	0.278	J	mg/l	0.500	0.0293	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/27/25 16:18	06/03/25 10:31	EPA 3005A	1,6020B	BLR

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

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): 01-06,09 Batch: WG2071659-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Chromium, Dissolved	0.00027	J	mg/l	0.00100	0.00017	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Copper, Dissolved	0.00042	J	mg/l	0.00100	0.00038	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Sodium, Dissolved	ND		mg/l	0.500	0.0293	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	05/27/25 16:18	05/29/25 23:22	1,6020B	TAA

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): 01-06,09 Batch: WG2071664-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/27/25 17:03	05/29/25 16:24	1,7470A	MJR

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

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): 01-06,09 Batch: WG2072118-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Copper, Total	ND		mg/l	0.00100	0.00038	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Sodium, Total	ND		mg/l	0.500	0.0293	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Thallium, Total	ND		mg/l	0.00100	0.00014	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/28/25 15:30	06/02/25 13:37	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

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): 01-06,09 Batch: WG2072120-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	05/28/25 17:48	05/30/25 12:57	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 Batch: WG2071659-2								
Aluminum, Dissolved	91		-		80-120	-		
Antimony, Dissolved	95		-		80-120	-		
Arsenic, Dissolved	98		-		80-120	-		
Barium, Dissolved	98		-		80-120	-		
Beryllium, Dissolved	98		-		80-120	-		
Cadmium, Dissolved	99		-		80-120	-		
Calcium, Dissolved	97		-		80-120	-		
Chromium, Dissolved	96		-		80-120	-		
Cobalt, Dissolved	98		-		80-120	-		
Copper, Dissolved	102		-		80-120	-		
Iron, Dissolved	103		-		80-120	-		
Lead, Dissolved	95		-		80-120	-		
Magnesium, Dissolved	89		-		80-120	-		
Manganese, Dissolved	97		-		80-120	-		
Nickel, Dissolved	102		-		80-120	-		
Potassium, Dissolved	97		-		80-120	-		
Selenium, Dissolved	98		-		80-120	-		
Silver, Dissolved	99		-		80-120	-		
Sodium, Dissolved	92		-		80-120	-		
Thallium, Dissolved	95		-		80-120	-		
Vanadium, Dissolved	98		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 Batch: WG2071659-2					
Zinc, Dissolved	102	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 Batch: WG2071664-2					
Mercury, Dissolved	106	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06,09 Batch: WG2072118-2					
Aluminum, Total	98	-	80-120	-	
Antimony, Total	83	-	80-120	-	
Arsenic, Total	97	-	80-120	-	
Barium, Total	104	-	80-120	-	
Beryllium, Total	98	-	80-120	-	
Cadmium, Total	98	-	80-120	-	
Calcium, Total	96	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	102	-	80-120	-	
Copper, Total	103	-	80-120	-	
Iron, Total	100	-	80-120	-	
Lead, Total	98	-	80-120	-	
Magnesium, Total	97	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	104	-	80-120	-	
Potassium, Total	107	-	80-120	-	
Selenium, Total	97	-	80-120	-	
Silver, Total	102	-	80-120	-	
Sodium, Total	97	-	80-120	-	
Thallium, Total	102	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06,09 Batch: WG2072118-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-06,09 Batch: WG2072120-2					
Mercury, Total	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2071659-3 QC Sample: L2531618-01 Client ID: MS Sample												
Aluminum, Dissolved	0.00488J	2	1.90	95		-	-		75-125	-		20
Antimony, Dissolved	0.00175J	0.5	0.4639	93		-	-		75-125	-		20
Arsenic, Dissolved	0.00293	0.12	0.1202	98		-	-		75-125	-		20
Barium, Dissolved	0.03626	2	1.956	96		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.04857	97		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.05004	94		-	-		75-125	-		20
Calcium, Dissolved	64.7	10	75.5	108		-	-		75-125	-		20
Chromium, Dissolved	0.01219	0.2	0.1953	92		-	-		75-125	-		20
Cobalt, Dissolved	0.00035J	0.5	0.4696	94		-	-		75-125	-		20
Copper, Dissolved	0.00286	0.25	0.2491	98		-	-		75-125	-		20
Iron, Dissolved	ND	1	0.973	97		-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.4993	94		-	-		75-125	-		20
Magnesium, Dissolved	42.9	10	51.0	81		-	-		75-125	-		20
Manganese, Dissolved	0.00268	0.5	0.4529	90		-	-		75-125	-		20
Nickel, Dissolved	0.00141J	0.5	0.4880	98		-	-		75-125	-		20
Potassium, Dissolved	22.1	10	32.6	105		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.113	94		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.04760	95		-	-		75-125	-		20
Sodium, Dissolved	228.	10	264	**360**	Q	-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.1131	94		-	-		75-125	-		20
Vanadium, Dissolved	0.00242J	0.5	0.4727	94		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

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): 01-06,09 QC Batch ID: WG2071659-3 QC Sample: L2531618-01 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4782	96	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2071664-3 QC Sample: L2531618-03 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00504	101	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

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): 01-06,09 QC Batch ID: WG2072118-3 QC Sample: L2530880-01 Client ID: MS Sample										
Aluminum, Total	0.304	2	2.31	100		-	-	75-125	-	20
Antimony, Total	0.00476	0.5	0.4891	97		-	-	75-125	-	20
Arsenic, Total	0.00066	0.12	0.1296	107		-	-	75-125	-	20
Barium, Total	0.0437	2	2.178	107		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.05013	100		-	-	75-125	-	20
Cadmium, Total	0.0001J	0.053	0.05448	103		-	-	75-125	-	20
Calcium, Total	76.3	10	81.3	**50**	Q	-	-	75-125	-	20
Chromium, Total	0.0005J	0.2	0.1932	97		-	-	75-125	-	20
Cobalt, Total	0.0016	0.5	0.5057	101		-	-	75-125	-	20
Copper, Total	0.0017	0.25	0.2566	102		-	-	75-125	-	20
Iron, Total	0.978	1	1.94	96		-	-	75-125	-	20
Lead, Total	0.00058J	0.53	0.5343	101		-	-	75-125	-	20
Magnesium, Total	22.0	10	30.8	88		-	-	75-125	-	20
Manganese, Total	2.369	0.5	2.860	98		-	-	75-125	-	20
Nickel, Total	0.0016J	0.5	0.5300	106		-	-	75-125	-	20
Potassium, Total	2.01	10	12.1	101		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.133	111		-	-	75-125	-	20
Silver, Total	ND	0.05	0.05037	101		-	-	75-125	-	20
Sodium, Total	29.0	10	36.9	79		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1243	104		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5006	100		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

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): 01-06,09 QC Batch ID: WG2072118-3 QC Sample: L2530880-01 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5216	104	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2072120-3 QC Sample: L2532061-04 Client ID: MS Sample									
Mercury, Total	0.00183	0.005	0.00632	90	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2532220

Report Date: 06/06/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2071659-4 QC Sample: L2531618-01 Client ID: DUP Sample						
Aluminum, Dissolved	0.00488J	0.00588J	mg/l	NC		20
Antimony, Dissolved	0.00175J	0.00172J	mg/l	NC		20
Arsenic, Dissolved	0.00293	0.00286	mg/l	2		20
Barium, Dissolved	0.03626	0.03654	mg/l	1		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	64.7	65.2	mg/l	1		20
Chromium, Dissolved	0.01219	0.01230	mg/l	1		20
Cobalt, Dissolved	0.00035J	0.00035J	mg/l	NC		20
Copper, Dissolved	0.00286	0.00277	mg/l	3		20
Iron, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	42.9	45.5	mg/l	6		20
Manganese, Dissolved	0.00268	0.00261	mg/l	3		20
Nickel, Dissolved	0.00141J	0.00122J	mg/l	NC		20
Potassium, Dissolved	22.1	22.5	mg/l	2		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	228.	242	mg/l	6		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2532220

Report Date: 06/06/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2071659-4 QC Sample: L2531618-01 Client ID: DUP Sample					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	0.00242J	0.00233J	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2071664-4 QC Sample: L2531618-03 Client ID: DUP Sample					
Mercury, Dissolved	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2072118-4 QC Sample: L2530880-01 Client ID: DUP Sample					
Antimony, Total	0.00476	0.00401	mg/l	17	20
Arsenic, Total	0.00066	0.00078	mg/l	16	20
Lead, Total	0.00058J	0.00062J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2072120-4 QC Sample: L2532061-04 Client ID: DUP Sample					
Mercury, Total	0.00183	0.00175	mg/l	4	20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2532220
Report Date: 06/06/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-06,09 QC Batch ID: WG2071659-6 QC Sample: L2531618-01 Client ID: DUP Sample						
Barium, Dissolved	0.03626	0.03597	mg/l	1		20
Calcium, Dissolved	64.7	65.2	mg/l	1		20
Magnesium, Dissolved	42.9	37.4	mg/l	13		20
Potassium, Dissolved	22.1	21.8	mg/l	1		20
Sodium, Dissolved	228.	226.	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 10:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/29/25 22:10	05/30/25 08:18	1,9010C/9012B	SRM

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/29/25 22:10	05/30/25 08:21	1,9010C/9012B	SRM

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:50
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/29/25 22:10	05/30/25 08:26	1,9010C/9012B	SRM

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 11:20
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	05/29/25 22:10	05/30/25 08:27	1,9010C/9012B	SRM

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-05
Client ID: DUP-01-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 00:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/29/25 22:10	05/30/25 08:28	1,9010C/9012B	SRM

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-06
Client ID: FB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:45
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/29/25 22:10	05/30/25 08:29	1,9010C/9012B	SRM

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

SAMPLE RESULTS

Lab ID: L2532220-09
Client ID: EB-2025-05-22
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 05/22/25 12:00
Date Received: 05/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/29/25 22:10	05/30/25 08:30	1,9010C/9012B	SRM

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

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): 01-06,09 Batch: WG2072806-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	05/29/25 22:10	05/30/25 08:03	1,9010C/9012B	SRM

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-06,09		Batch: WG2072806-2		WG2072806-3			
Cyanide, Total	98		100		85-115	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

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): 01-06,09 QC Batch ID: WG2072806-4 WG2072806-5 QC Sample: L2532220-01 Client ID: MW-14												
Cyanide, Total	ND	0.2	0.207	104		0.213	106		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 01-06,09 QC Batch ID: WG2072806-6 WG2072806-7 QC Sample: L2532220-02 Client ID: MW-15												
Cyanide, Total	ND	0.2	0.210	105		0.216	108		80-120	3		20

Project Name: SA 101 EAST 150TH
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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2532220-01A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-01B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-01C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-01D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-01E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-01F	Plastic 250ml NaOH preserved	A	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2532220-01G	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		-
L2532220-01H	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2532220-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.4	Y	Absent		K-6020S(180),SE-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),BA-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2532220-02A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2532220-02B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-02C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-02D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-02E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-02F	Plastic 250ml NaOH preserved	A	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2532220-02G	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		-
L2532220-02H	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		TL-6020T(180),SE-6020T(180),FE-6020T(180),BA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2532220-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.4	Y	Absent		SE-6020S(180),CU-6020S(180),K-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),NI-6020S(180),NA-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2532220-03A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-03B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-03C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-03D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-03E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-03F	Plastic 250ml NaOH preserved	A	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2532220-03G	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2532220-03H	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2532220-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.4	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2532220-04A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-04B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-04C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-04D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-04E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-04F	Plastic 250ml NaOH preserved	A	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2532220-04G	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		-
L2532220-04H	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2532220-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.4	Y	Absent		SE-6020S(180),K-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NA-6020S(180),NI-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2532220-05A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-05B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-05C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-05D	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-05E	Amber 100ml unpreserved	A	7	7	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-05F	Plastic 250ml NaOH preserved	A	>12	>12	2.4	Y	Absent		TCN-9010(14)
L2532220-05G	Plastic 250ml unpreserved	A	7	7	2.4	Y	Absent		-
L2532220-05H	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2532220-05X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.4	Y	Absent		K-6020S(180),CU-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),MG-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),PB-6020S(180),NA-6020S(180),NI-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2532220-06A	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2532220-06B	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2532220-06C	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2532220-06D	Amber 100ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-06E	Amber 100ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-06F	Plastic 250ml NaOH preserved	B	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2532220-06G	Plastic 250ml unpreserved	B	7	7	2.5	Y	Absent		-
L2532220-06H	Plastic 250ml HNO3 preserved	B	<2	<2	2.5	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2532220-06X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.5	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2532220-07A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-08A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260(14)
L2532220-09A	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2532220-09B	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2532220-09C	Vial HCl preserved	B	NA		2.5	Y	Absent		NYTCL-8260(14)
L2532220-09D	Amber 100ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2532220-09E	Amber 100ml unpreserved	B	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2532220
Report Date: 06/06/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2532220-09F	Plastic 250ml NaOH preserved	B	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2532220-09G	Plastic 250ml unpreserved	B	7	7	2.5	Y	Absent		-
L2532220-09H	Plastic 250ml HNO3 preserved	B	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2532220-09X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.5	Y	Absent		SE-6020S(180),V-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),TL-6020S(180),NA-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)

*Values in parentheses indicate holding time in days

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2532220
Project Number:	41.0163097.00	**Report Date:**	06/06/25

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:	SA 101 EAST 150TH	**Lab Number:**	L2532220
Project Number:	41.0163097.00	**Report Date:**	06/06/25

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:	SA 101 EAST 150TH	**Lab Number:**	L2532220
Project Number:	41.0163097.00	**Report Date:**	06/06/25

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: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2532220
Report Date: 06/06/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Pace ANALYTICAL SERVICES

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
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab

Pa

L2532220
GZA – NYC

Client Information

Client: GZA GeoEnvironmental
Address: 104 W 29th St, 6th Floor
NY, NY
Phone: 917/594 5140
Fax:
Email: Rebbill.Marquez@

Project Information

Project Name: SA-101 E 150th St
Project Location: Bronx, NY
Project #: 41.0163097.00
(Use Project name as Project #) ☐
Project Manager: Rebbill Marquez
PACE Quote #:

Turn-Around Time

☒ Standard (GZA.com)
☐ Rush (only if pre approved)
Due Date:
# of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

Lab to filter Dissolved Metals

Please specify Metals or TAL.

ANALYSIS

TCL VOCs + 10 TICs (8260)
TCL SVOCs + 20 TICs (8270)
6 CP (6020A) 7471 / Total + TAL Metals (Dissolved) (6020A)
Total Cyanide (9014)
Total Mercury (7471)

Sample Filtration
☐ Done
☒ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Total Bottle

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Bottle
32220-01	MW-14		1045	GW		10
02	MW-15		1200			
03	MW-16		12:50			
04	MW-17		1120			
05	DUP-01-2025-05-22		—			
06	FB-2025-05-22		12:45	W		
07	TB-01		—			
08	TB-02		—			2
09	EB-2025-05-22		12:00			2

Container Type: V A P P A
Preservative: B A C/A E 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
[signature]	5/22/25 13:45	[signature]	5/22/25 13:45
[signature]	5/22/25 18:30	[signature]	5/22/25 18:30
			5/22 2210
[signature]	5/23		5/22 2200
[signature]	5/23 230	[signature]	5/23 0230

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 PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

ANALYTICAL REPORT

Lab Number:	L2511034
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	SA 101 EAST 150TH
Project Number:	41.0163097.00
Report Date:	03/06/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services 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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2511034-01	MW-14	WATER	101 EAST 150TH ST., BRONX, NY	02/27/25 08:45	02/27/25
L2511034-02	EB_2024-02-27	WATER	101 EAST 150TH ST., BRONX, NY	02/27/25 09:30	02/27/25
L2511034-03	TB_2024-02-27	WATER	101 EAST 150TH ST., BRONX, NY	02/27/25 00:00	02/27/25

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2511034
Project Number:	41.0163097.00	**Report Date:**	03/06/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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:	SA 101 EAST 150TH	**Lab Number:**	L2511034
Project Number:	41.0163097.00	**Report Date:**	03/06/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The samples were received at the laboratory above the required temperature range and were not on ice. L2511034-01: One container for Volatile Organics was received broken; however, there was adequate sample remaining to perform the requested analysis.

Semivolatile Organics

The WG2035429-1 Method Blank associated with L2511034-01 and -02 has a concentration above the reporting limit for Bis(2-ethylhexyl)phthalate. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Semivolatile Organics by SIM

The WG2035430-1 Method Blank associated with L2511034-01 has a concentration above the reporting limit for 2-Methylnaphthalene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

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: 03/06/25

ORGANICS

VOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01 D
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/05/25 05:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.55	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
1,3-Dichloropropene, Total	ND		ug/l	2.0	0.58	4
1,1-Dichloropropene	ND		ug/l	10	2.8	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.67	4
Benzene	ND		ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	85		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	ND		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.68	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4

Project Name: SA 101 EAST 150TH **Lab Number:** L2511034

Project Number: 41.0163097.00 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01 D
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4
Methyl tert butyl ether	ND		ug/l	10	0.66	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	13		ug/l	10	2.8	4
Xylenes, Total	13		ug/l	10	2.8	4
cis-1,2-Dichloroethene	ND		ug/l	10	2.8	4
1,2-Dichloroethene, Total	ND		ug/l	10	2.8	4
Dibromomethane	ND		ug/l	20	4.0	4
1,2,3-Trichloropropane	ND		ug/l	10	2.8	4
Acrylonitrile	ND		ug/l	20	6.0	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	ND		ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
Vinyl acetate	ND		ug/l	20	4.0	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
2,2-Dichloropropane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
1,3-Dichloropropane	ND		ug/l	10	2.8	4
1,1,1,2-Tetrachloroethane	ND		ug/l	10	2.8	4
Bromobenzene	ND		ug/l	10	2.8	4
n-Butylbenzene	12		ug/l	10	2.8	4
sec-Butylbenzene	14		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
o-Chlorotoluene	ND		ug/l	10	2.8	4
p-Chlorotoluene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Hexachlorobutadiene	ND		ug/l	10	2.8	4
Isopropylbenzene	54		ug/l	10	2.8	4
p-Isopropyltoluene	3.3	J	ug/l	10	2.8	4
Naphthalene	16		ug/l	10	2.8	4

Project Name: SA 101 EAST 150TH **Lab Number:** L2511034

Project Number: 41.0163097.00 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01 D Date Collected: 02/27/25 08:45

Client ID: MW-14 Date Received: 02/27/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	110		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	500		ug/l	10	2.8	4
1,4-Dioxane	ND		ug/l	1000	240	4
p-Diethylbenzene	26		ug/l	8.0	2.8	4
p-Ethyltoluene	ND		ug/l	8.0	2.8	4
1,2,4,5-Tetramethylbenzene	80		ug/l	8.0	2.2	4
Ethyl ether	ND		ug/l	10	2.8	4
trans-1,4-Dichloro-2-butene	ND		ug/l	10	2.8	4
Tentatively Identified Compounds						
Total TIC Compounds	1460	J	ug/l			4
Unknown Aromatic	132	J	ug/l			4
Unknown Aromatic	410	J	ug/l			4
Unknown Benzene	92.6	J	ug/l			4
Unknown Aromatic	145	J	ug/l			4
Unknown Aromatic	67.9	J	ug/l			4
Unknown Benzene	149	J	ug/l			4
Unknown Benzene	73.0	J	ug/l			4
Unknown Aromatic	251	J	ug/l			4
Unknown Aromatic	57.5	J	ug/l			4
Unknown Aromatic	80.0	J	ug/l			4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	104		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02
Client ID: EB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 09:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/05/25 03:48
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2511034

Project Number: 41.0163097.00 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02 Date Collected: 02/27/25 09:30

Client ID: EB_2024-02-27 Date Received: 02/27/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Lab Number: L2511034
Project Number: 41.0163097.00
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02
Client ID: EB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 09:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	5.30	J	ug/l			1
Unknown	1.07	J	ug/l			1
Unknown	4.23	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	109		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-03
Client ID: TB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 00:00
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/05/25 03:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2511034

Project Number: 41.0163097.00 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-03 Date Collected: 02/27/25 00:00

Client ID: TB_2024-02-27 Date Received: 02/27/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Lab Number: L2511034
Project Number: 41.0163097.00
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-03
Client ID: TB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 00:00
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	5.30	J	ug/l			1
Unknown	5.30	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/25 22:21
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2037187-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/25 22:21
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2037187-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/25 22:21
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2037187-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds			
Total TIC Compounds	5.23	J	ug/l
Unknown	4.11	J	ug/l
Unknown	1.12	J	ug/l

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/04/25 22:21
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG2037187-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2037187-3 WG2037187-4								
Methylene chloride	97		96		70-130	1		20
1,1-Dichloroethane	94		97		70-130	3		20
Chloroform	100		98		70-130	2		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	99		99		70-130	0		20
Dibromochloromethane	89		93		63-130	4		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	92		96		75-130	4		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	92		95		70-130	3		20
1,1,1-Trichloroethane	98		99		67-130	1		20
Bromodichloromethane	92		94		67-130	2		20
trans-1,3-Dichloropropene	92		92		70-130	0		20
cis-1,3-Dichloropropene	93		92		70-130	1		20
1,1-Dichloropropene	99		100		70-130	1		20
Bromoform	75		79		54-136	5		20
1,1,2,2-Tetrachloroethane	97		100		67-130	3		20
Benzene	94		94		70-130	0		20
Toluene	97		99		70-130	2		20
Ethylbenzene	92		94		70-130	2		20
Chloromethane	86		84		64-130	2		20
Bromomethane	130		120		39-139	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2037187-3 WG2037187-4								
Vinyl chloride	100		98		55-140	2		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	96		99		70-130	3		20
1,2-Dichlorobenzene	92		94		70-130	2		20
1,3-Dichlorobenzene	95		94		70-130	1		20
1,4-Dichlorobenzene	92		94		70-130	2		20
Methyl tert butyl ether	90		95		63-130	5		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	99		97		70-130	2		20
Dibromomethane	88		94		70-130	7		20
1,2,3-Trichloropropane	92		100		64-130	8		20
Acrylonitrile	92		100		70-130	8		20
Styrene	85		85		70-130	0		20
Dichlorodifluoromethane	79		78		36-147	1		20
Acetone	98		100		58-148	2		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	84		91		70-130	8		20
4-Methyl-2-pentanone	82		90		59-130	9		20
2-Hexanone	83		90		57-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2037187-3 WG2037187-4								
Bromochloromethane	98		97		70-130	1		20
2,2-Dichloropropane	91		93		63-133	2		20
1,2-Dibromoethane	94		99		70-130	5		20
1,3-Dichloropropane	96		100		70-130	4		20
1,1,1,2-Tetrachloroethane	90		90		64-130	0		20
Bromobenzene	95		98		70-130	3		20
n-Butylbenzene	92		96		53-136	4		20
sec-Butylbenzene	96		99		70-130	3		20
tert-Butylbenzene	95		97		70-130	2		20
o-Chlorotoluene	90		97		70-130	7		20
p-Chlorotoluene	93		96		70-130	3		20
1,2-Dibromo-3-chloropropane	78		89		41-144	13		20
Hexachlorobutadiene	95		99		63-130	4		20
Isopropylbenzene	95		99		70-130	4		20
p-Isopropyltoluene	91		94		70-130	3		20
Naphthalene	88		94		70-130	7		20
n-Propylbenzene	96		98		69-130	2		20
1,2,3-Trichlorobenzene	87		93		70-130	7		20
1,2,4-Trichlorobenzene	88		93		70-130	6		20
1,3,5-Trimethylbenzene	87		92		64-130	6		20
1,2,4-Trimethylbenzene	88		92		70-130	4		20
1,4-Dioxane	108		124		56-162	14		20
p-Diethylbenzene	86		90		70-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG2037187-3 WG2037187-4								
p-Ethyltoluene	96		99		70-130	3		20
1,2,4,5-Tetramethylbenzene	86		89		70-130	3		20
Ethyl ether	110		120		59-134	9		20
trans-1,4-Dichloro-2-butene	82		96		70-130	16		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		104		70-130
Toluene-d8	106		105		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	102		99		70-130

SEMIVOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/01/25 18:59
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	0.40	J	ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2511034

Project Number: 41.0163097.00 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01 Date Collected: 02/27/25 08:45

Client ID: MW-14 Date Received: 02/27/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.4	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH
Lab Number: L2511034
Project Number: 41.0163097.00
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	888	J	ug/l			1
Unknown	11.5	J	ug/l			1
Unknown	13.1	J	ug/l			1
Unknown	16.2	J	ug/l			1
Unknown	57.0	J	ug/l			1
Unknown Benzene	329	J	ug/l			1
Unknown	9.20	J	ug/l			1
Unknown	19.7	J	ug/l			1
Unknown Benzene	10.0	J	ug/l			1
Unknown Indene	31.5	J	ug/l			1
Unknown Benzene	53.0	J	ug/l			1
Unknown Benzene	53.3	J	ug/l			1
Unknown	9.60	J	ug/l			1
Unknown Benzene	32.3	J	ug/l			1
Unknown Benzene	43.6	J	ug/l			1
Unknown Benzene	31.6	J	ug/l			1
Unknown Indene	71.3	J	ug/l			1
Unknown Benzene	48.1	J	ug/l			1
Unknown Naphthalene	22.1	J	ug/l			1
Unknown	16.4	J	ug/l			1
Unknown	9.40	J	ug/l			1

Project Name: SA 101 EAST 150TH **Lab Number:** L2511034

Project Number: 41.0163097.00 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01 Date Collected: 02/27/25 08:45

Client ID: MW-14 Date Received: 02/27/25

Sample Location: 101 EAST 150TH ST., BRONX, 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	64		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	**121**	Q	23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	112		10-120
4-Terphenyl-d14	112		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/02/25 19:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.19		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.26		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	14		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.06	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Chrysene	0.05	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.07	J	ug/l	0.10	0.02	1
Fluorene	0.14		ug/l	0.10	0.03	1
Phenanthrene	0.11		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.07	J	ug/l	0.10	0.02	1
Pyrene	0.24		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2511034
Project Number: 41.0163097.00
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		21-120
Phenol-d6	75		10-120
Nitrobenzene-d5	**121**	Q	23-120
2-Fluorobiphenyl	120		15-120
2,4,6-Tribromophenol	**162**	Q	10-120
4-Terphenyl-d14	138		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02
Client ID: EB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/27/25 09:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/01/25 19:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.8	JB	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2511034

Project Number: 41.0163097.00 **Report Date:** 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02 Date Collected: 02/27/25 09:30

Client ID: EB_2024-02-27 Date Received: 02/27/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	15.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	12.5	J	ug/l			1
Unknown	5.60	J	ug/l			1
Unknown	6.90	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	108		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	108		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02
Client ID: EB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/27/25 09:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/06/25 12:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/05/25 18:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.04	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.04	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2511034
Project Number: 41.0163097.00
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02
Client ID: EB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/27/25 09:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	72		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/01/25 10:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2035429-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	7.4		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/01/25 10:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2035429-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/01/25 10:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2035429-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	0.71	J	ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	132	J	ug/l
Unknown	8.60	J	ug/l
Unknown	5.10	J	ug/l
Unknown Alkane	5.60	J	ug/l
Unknown	8.30	J	ug/l
Unknown Organic Acid	17.6	J	ug/l
Unknown	7.50	J	ug/l
Unknown Organic Acid	9.10	J	ug/l
Unknown	8.80	J	ug/l
Unknown	9.70	J	ug/l
Unknown	15.2	J	ug/l

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/01/25 10:22
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG2035429-1					
Tentatively Identified Compounds					
Unknown Alkane	5.50	J	ug/l		
Unknown	5.20	J	ug/l		
Unknown	8.90	J	ug/l		
Unknown Alkane	8.00	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	89		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/05/25 16:55
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG2035430-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.08	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	0.05	J	ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.14		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/05/25 16:55
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/01/25 02:18

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG2035430-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	53		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/06/25 08:09
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/05/25 16:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG2037073-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/06/25 08:09
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/05/25 16:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02 Batch: WG2037073-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	120		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035429-2 WG2035429-3								
Acenaphthene	85		100		37-111	16		30
1,2,4-Trichlorobenzene	65		83		39-98	24		30
Hexachlorobenzene	100		112		40-140	11		30
Bis(2-chloroethyl)ether	81		92		40-140	13		30
2-Chloronaphthalene	84		92		40-140	9		30
1,2-Dichlorobenzene	60		75		40-140	22		30
1,3-Dichlorobenzene	58		71		40-140	20		30
1,4-Dichlorobenzene	57		78		36-97	**31**	Q	30
3,3'-Dichlorobenzidine	85		85		40-140	0		30
2,4-Dinitrotoluene	107		118		48-143	10		30
2,6-Dinitrotoluene	108		120		40-140	11		30
Fluoranthene	110		115		40-140	4		30
4-Chlorophenyl phenyl ether	94		106		40-140	12		30
4-Bromophenyl phenyl ether	99		105		40-140	6		30
Bis(2-chloroisopropyl)ether	58		63		40-140	8		30
Bis(2-chloroethoxy)methane	92		99		40-140	7		30
Hexachlorobutadiene	62		89		40-140	**36**	Q	30
Hexachlorocyclopentadiene	80		104		40-140	26		30
Hexachloroethane	51		77		40-140	**41**	Q	30
Isophorone	99		109		40-140	10		30
Naphthalene	77		90		40-140	16		30
Nitrobenzene	100		106		40-140	6		30
NDPA/DPA	96		105		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035429-2 WG2035429-3								
n-Nitrosodi-n-propylamine	94		108		29-132	14		30
Bis(2-ethylhexyl)phthalate	133		**145**	Q	40-140	9		30
Butyl benzyl phthalate	114		125		40-140	9		30
Di-n-butylphthalate	117		128		40-140	9		30
Di-n-octylphthalate	120		128		40-140	6		30
Diethyl phthalate	103		111		40-140	7		30
Dimethyl phthalate	105		115		40-140	9		30
Benzo(a)anthracene	108		116		40-140	7		30
Benzo(a)pyrene	120		130		40-140	8		30
Benzo(b)fluoranthene	112		131		40-140	16		30
Benzo(k)fluoranthene	118		116		40-140	2		30
Chrysene	107		115		40-140	7		30
Acenaphthylene	97		109		45-123	12		30
Anthracene	104		110		40-140	6		30
Benzo(ghi)perylene	114		122		40-140	7		30
Fluorene	96		110		40-140	14		30
Phenanthrene	103		108		40-140	5		30
Dibenzo(a,h)anthracene	109		120		40-140	10		30
Indeno(1,2,3-cd)pyrene	106		123		40-140	15		30
Pyrene	108		115		26-127	6		30
Biphenyl	94		107		40-140	13		30
4-Chloroaniline	90		84		40-140	7		30
2-Nitroaniline	105		118		52-143	12		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035429-2 WG2035429-3								
3-Nitroaniline	94		102		25-145	8		30
4-Nitroaniline	100		114		51-143	13		30
Dibenzofuran	94		103		40-140	9		30
2-Methylnaphthalene	77		87		40-140	12		30
1,2,4,5-Tetrachlorobenzene	88		100		2-134	13		30
Acetophenone	107		115		39-129	7		30
2,4,6-Trichlorophenol	97		103		30-130	6		30
p-Chloro-m-cresol	**119**	Q	**120**	Q	23-97	1		30
2-Chlorophenol	90		91		27-123	1		30
2,4-Dichlorophenol	90		94		30-130	4		30
2,4-Dimethylphenol	106		108		30-130	2		30
2-Nitrophenol	93		107		30-130	14		30
4-Nitrophenol	**84**	Q	**93**	Q	10-80	10		30
2,4-Dinitrophenol	**139**	Q	**145**	Q	20-130	4		30
4,6-Dinitro-o-cresol	110		117		20-164	6		30
Pentachlorophenol	**118**	Q	**119**	Q	9-103	1		30
Phenol	62		62		12-110	0		30
2-Methylphenol	95		101		30-130	6		30
3-Methylphenol/4-Methylphenol	93		99		30-130	6		30
2,4,5-Trichlorophenol	113		114		30-130	1		30
Benzoic Acid	84		82		10-164	2		30
Benzyl Alcohol	95		106		26-116	11		30
Carbazole	106		112		55-144	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035429-2 WG2035429-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	63		73		21-120
Phenol-d6	53		55		10-120
Nitrobenzene-d5	102		111		23-120
2-Fluorobiphenyl	90		104		15-120
2,4,6-Tribromophenol	103		115		10-120
4-Terphenyl-d14	103		114		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035430-2 WG2035430-3					
Acenaphthene	62		64		40-140	3		40
2-Chloronaphthalene	47		57		40-140	19		40
Fluoranthene	63		62		40-140	2		40
Hexachlorobutadiene	**32**	Q	42		40-140	27		40
Naphthalene	50		55		40-140	10		40
Benzo(a)anthracene	74		74		40-140	0		40
Benzo(a)pyrene	81		80		40-140	1		40
Benzo(b)fluoranthene	72		73		40-140	1		40
Benzo(k)fluoranthene	72		72		40-140	0		40
Chrysene	70		70		40-140	0		40
Acenaphthylene	55		66		40-140	18		40
Anthracene	70		72		40-140	3		40
Benzo(ghi)perylene	99		100		40-140	1		40
Fluorene	68		70		40-140	3		40
Phenanthrene	69		70		40-140	1		40
Dibenzo(a,h)anthracene	99		100		40-140	1		40
Indeno(1,2,3-cd)pyrene	102		103		40-140	1		40
Pyrene	62		61		40-140	2		40
2-Methylnaphthalene	48		52		40-140	8		40
Pentachlorophenol	81		74		40-140	9		40
Hexachlorobenzene	76		72		40-140	5		40
Hexachloroethane	**38**	Q	49		40-140	25		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035430-2 WG2035430-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		55		21-120
Phenol-d6	44		45		10-120
Nitrobenzene-d5	68		69		23-120
2-Fluorobiphenyl	49		57		15-120
2,4,6-Tribromophenol	91		84		10-120
4-Terphenyl-d14	63		61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02 Batch: WG2037073-2 WG2037073-3								
Acenaphthene	72		66		40-140	9		40
2-Chloronaphthalene	75		68		40-140	10		40
Fluoranthene	82		73		40-140	12		40
Hexachlorobutadiene	54		49		40-140	10		40
Naphthalene	65		59		40-140	10		40
Benzo(a)anthracene	85		74		40-140	14		40
Benzo(a)pyrene	99		88		40-140	12		40
Benzo(b)fluoranthene	91		81		40-140	12		40
Benzo(k)fluoranthene	91		80		40-140	13		40
Chrysene	86		77		40-140	11		40
Acenaphthylene	90		82		40-140	9		40
Anthracene	85		75		40-140	13		40
Benzo(ghi)perylene	112		100		40-140	11		40
Fluorene	80		72		40-140	11		40
Phenanthrene	82		72		40-140	13		40
Dibenzo(a,h)anthracene	121		108		40-140	11		40
Indeno(1,2,3-cd)pyrene	126		113		40-140	11		40
Pyrene	79		69		40-140	14		40
2-Methylnaphthalene	70		64		40-140	9		40
Pentachlorophenol	76		72		40-140	5		40
Hexachlorobenzene	86		77		40-140	11		40
Hexachloroethane	56		51		40-140	9		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02 Batch: WG2037073-2 WG2037073-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		50		21-120
Phenol-d6	45		42		10-120
Nitrobenzene-d5	86		79		23-120
2-Fluorobiphenyl	82		74		15-120
2,4,6-Tribromophenol	89		80		10-120
4-Terphenyl-d14	74		65		41-149

METALS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0540		mg/l	0.0100	0.00327	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Arsenic, Total	0.00392		mg/l	0.00050	0.00016	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Barium, Total	0.2161		mg/l	0.00050	0.00017	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Calcium, Total	154.		mg/l	0.100	0.0394	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Chromium, Total	0.00025	J	mg/l	0.00100	0.00017	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Cobalt, Total	0.00024	J	mg/l	0.00050	0.00016	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Copper, Total	0.00040	J	mg/l	0.00100	0.00038	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Iron, Total	5.72		mg/l	0.0500	0.0191	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Lead, Total	0.00081	J	mg/l	0.00100	0.00034	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Magnesium, Total	39.6		mg/l	0.0700	0.0242	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Manganese, Total	1.881		mg/l	0.00100	0.00044	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/02/25 20:44	03/03/25 11:25	EPA 7470A	1,7470A	CME
Nickel, Total	0.00082	J	mg/l	0.00200	0.00055	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Potassium, Total	5.62		mg/l	0.100	0.0309	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Sodium, Total	195.		mg/l	0.500	0.0293	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Zinc, Total	0.01194		mg/l	0.01000	0.00341	1	03/02/25 17:37	03/04/25 18:58	EPA 3005A	1,6020B	TAA
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00157		mg/l	0.00050	0.00016	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1980		mg/l	0.00050	0.00017	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2511034
Project Number: 41.0163097.00
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	118.		mg/l	0.100	0.0394	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00028	J	mg/l	0.00050	0.00016	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.266		mg/l	0.0500	0.0191	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Lead, Dissolved	0.00061	J	mg/l	0.00100	0.00034	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	45.9		mg/l	0.0700	0.0242	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	2.653		mg/l	0.00100	0.00044	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 16:08	03/04/25 11:59	EPA 7470A	1,7470A	CME
Nickel, Dissolved	0.00105	J	mg/l	0.00200	0.00055	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	5.47		mg/l	0.100	0.0309	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	203.		mg/l	5.00	0.293	10	03/03/25 13:46	03/06/25 11:42	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	03/03/25 13:46	03/06/25 11:19	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02
Client ID: EB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 09:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Barium, Total	0.00029	J	mg/l	0.00050	0.00017	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Calcium, Total	0.0895	J	mg/l	0.100	0.0394	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Copper, Total	0.00043	J	mg/l	0.00100	0.00038	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/02/25 20:44	03/03/25 11:28	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Potassium, Total	0.0331	J	mg/l	0.100	0.0309	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Sodium, Total	0.198	J	mg/l	0.500	0.0293	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Zinc, Total	0.01215		mg/l	0.01000	0.00341	1	03/02/25 17:37	03/04/25 19:03	EPA 3005A	1,6020B	TAA
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	0.00046	J	mg/l	0.00400	0.00042	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.00032	J	mg/l	0.00050	0.00017	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2511034
Project Number: 41.0163097.00
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02
Client ID: EB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/27/25 09:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	0.0524	J	mg/l	0.100	0.0394	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 16:08	03/04/25 12:02	EPA 7470A	1,7470A	CME
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	0.0309	J	mg/l	0.100	0.0309	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	0.212	J	mg/l	0.500	0.0293	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	03/03/25 13:46	03/06/25 11:23	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

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: WG2035762-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/02/25 17:37	03/04/25 15:47	1,6020B	NTB

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: WG2035764-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	03/02/25 20:44	03/03/25 10:18	1,7470A	CME

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

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): 01-02 Batch: WG2035944-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Sodium, Dissolved	ND		mg/l	0.500	0.0293	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	03/03/25 13:46	03/06/25 08:58	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

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: WG2035973-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 16:08	03/04/25 10:42	1,7470A	CME

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2035762-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	83		-		80-120	-		
Arsenic, Total	100		-		80-120	-		
Barium, Total	100		-		80-120	-		
Beryllium, Total	101		-		80-120	-		
Cadmium, Total	97		-		80-120	-		
Calcium, Total	110		-		80-120	-		
Chromium, Total	108		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	109		-		80-120	-		
Lead, Total	94		-		80-120	-		
Magnesium, Total	97		-		80-120	-		
Manganese, Total	103		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	93		-		80-120	-		
Silver, Total	108		-		80-120	-		
Sodium, Total	98		-		80-120	-		
Thallium, Total	95		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2035762-2					
Zinc, Total	100	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2035764-2					
Mercury, Total	93	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2035944-2					
Aluminum, Dissolved	102	-	80-120	-	
Antimony, Dissolved	88	-	80-120	-	
Arsenic, Dissolved	101	-	80-120	-	
Barium, Dissolved	104	-	80-120	-	
Beryllium, Dissolved	101	-	80-120	-	
Cadmium, Dissolved	100	-	80-120	-	
Calcium, Dissolved	109	-	80-120	-	
Chromium, Dissolved	100	-	80-120	-	
Cobalt, Dissolved	102	-	80-120	-	
Copper, Dissolved	105	-	80-120	-	
Iron, Dissolved	110	-	80-120	-	
Lead, Dissolved	96	-	80-120	-	
Magnesium, Dissolved	102	-	80-120	-	
Manganese, Dissolved	102	-	80-120	-	
Nickel, Dissolved	104	-	80-120	-	
Potassium, Dissolved	107	-	80-120	-	
Selenium, Dissolved	99	-	80-120	-	
Silver, Dissolved	101	-	80-120	-	
Sodium, Dissolved	98	-	80-120	-	
Thallium, Dissolved	92	-	80-120	-	
Vanadium, Dissolved	100	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2035944-2					
Zinc, Dissolved	105	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2035973-2					
Mercury, Dissolved	96	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035762-3 QC Sample: L2510659-01 Client ID: MS Sample												
Aluminum, Total	0.017	2	2.01	100		-	-		75-125	-		20
Antimony, Total	0.0008J	0.5	0.4261	85		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.1228	102		-	-		75-125	-		20
Barium, Total	0.0073	2	2.038	102		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05105	102		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05198	98		-	-		75-125	-		20
Calcium, Total	9.21	10	20.1	109		-	-		75-125	-		20
Chromium, Total	0.0002J	0.2	0.2200	110		-	-		75-125	-		20
Cobalt, Total	0.0012	0.5	0.5133	102		-	-		75-125	-		20
Copper, Total	0.0004J	0.25	0.2627	105		-	-		75-125	-		20
Iron, Total	1.17	1	2.26	109		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5089	96		-	-		75-125	-		20
Magnesium, Total	0.637	10	10.5	99		-	-		75-125	-		20
Manganese, Total	0.0188	0.5	0.5347	103		-	-		75-125	-		20
Nickel, Total	0.0016J	0.5	0.5152	103		-	-		75-125	-		20
Potassium, Total	0.993	10	11.1	101		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.114	95		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05465	109		-	-		75-125	-		20
Sodium, Total	12.1	10	21.5	94		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1162	97		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.5019	100		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2035762-3 QC Sample: L2510659-01 Client ID: MS Sample									
Zinc, Total	0.0035J	0.5	0.5047	101	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2035764-3 QC Sample: L2510984-01 Client ID: MS Sample									
Mercury, Total	0.00087	0.005	0.00535	90	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035944-3 WG2035944-4 QC Sample: L2510986-08 Client ID: MS Sample											
Aluminum, Dissolved	0.00515J	2	1.97	98		1.98	99		75-125	1	20
Antimony, Dissolved	0.00134J	0.5	0.5184	104		0.5218	104		75-125	1	20
Arsenic, Dissolved	0.00034J	0.12	0.1229	102		0.1231	102		75-125	0	20
Barium, Dissolved	0.05516	2	2.077	101		2.095	102		75-125	1	20
Beryllium, Dissolved	ND	0.05	0.05167	103		0.05154	103		75-125	0	20
Cadmium, Dissolved	ND	0.053	0.05218	98		0.05212	98		75-125	0	20
Calcium, Dissolved	41.1	10	50.8	97		50.4	93		75-125	1	20
Chromium, Dissolved	0.00092J	0.2	0.1927	96		0.1951	98		75-125	1	20
Cobalt, Dissolved	ND	0.5	0.4992	100		0.4962	99		75-125	1	20
Copper, Dissolved	0.00178	0.25	0.2534	101		0.2545	101		75-125	0	20
Iron, Dissolved	ND	1	1.04	104		1.05	105		75-125	1	20
Lead, Dissolved	ND	0.53	0.4999	94		0.5025	95		75-125	1	20
Magnesium, Dissolved	3.86	10	13.7	98		13.7	98		75-125	0	20
Manganese, Dissolved	0.02570	0.5	0.5166	98		0.5218	99		75-125	1	20
Nickel, Dissolved	0.00064J	0.5	0.4975	100		0.5020	100		75-125	1	20
Potassium, Dissolved	21.7	10	31.2	95		31.2	95		75-125	0	20
Selenium, Dissolved	ND	0.12	0.121	101		0.120	100		75-125	1	20
Silver, Dissolved	ND	0.05	0.04926	98		0.04930	99		75-125	0	20
Sodium, Dissolved	29.9	10	37.0	**71**	Q	36.8	**69**	Q	75-125	1	20
Thallium, Dissolved	0.00023J	0.12	0.1082	90		0.1079	90		75-125	0	20
Vanadium, Dissolved	ND	0.5	0.4838	97		0.4881	98		75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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: WG2035944-3 WG2035944-4 QC Sample: L2510986-08 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5110	102	0.5184	104	75-125	1	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2035973-3 WG2035973-4 QC Sample: L2510986-08 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00444	89	0.00528	106	75-125	17	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2511034

Report Date: 03/06/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2035762-4 QC Sample: L2510659-01 Client ID: DUP Sample						
Iron, Total	1.17	1.18	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2035764-4 QC Sample: L2510984-01 Client ID: DUP Sample						
Mercury, Total	0.00087	0.00085	mg/l	2		20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2511034
Report Date: 03/06/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2035944-6 QC Sample: L2510986-08 Client ID: DUP Sample						
Barium, Dissolved	0.05516	0.05563	mg/l	1		20
Calcium, Dissolved	41.1	40.9	mg/l	0		20
Magnesium, Dissolved	3.86	3.89	mg/l	1		20
Manganese, Dissolved	0.02570	0.02607	mg/l	1		20
Potassium, Dissolved	21.7	21.1	mg/l	3		20
Sodium, Dissolved	29.9	27.4	mg/l	8		20

INORGANICS
&
MISCELLANEOUS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/27/25 08:45
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/03/25 13:10	03/03/25 16:25	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

SAMPLE RESULTS

Lab ID: L2511034-02
Client ID: EB_2024-02-27
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/27/25 09:30
Date Received: 02/27/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/03/25 13:10	03/03/25 16:28	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

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): 01-02 Batch: WG2036001-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/03/25 13:10	03/03/25 16:07	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG2036001-2 WG2036001-3								
Cyanide, Total	95		96		85-115	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2036001-4 WG2036001-5 QC Sample: L2510737-01 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.194	97		0.190	95		80-120	9		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2036001-6 WG2036001-7 QC Sample: L2511034-01 Client ID: MW-14												
Cyanide, Total	ND	0.2	0.208	104		0.204	102		80-120	2		20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

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(*)
L2511034-01A	Vial HCl preserved	A	NA		9.6	Y	Absent		NYTCL-8260(14)
L2511034-01B	Vial HCl preserved	A	NA		9.6	Y	Absent		NYTCL-8260(14)
L2511034-01C	Plastic 250ml unpreserved	A	7	7	9.6	Y	Absent		-
L2511034-01D	Plastic 250ml HNO3 preserved	A	<2	<2	9.6	Y	Absent		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2511034-01E	Plastic 250ml NaOH preserved	A	>12	>12	9.6	Y	Absent		TCN-9010(14)
L2511034-01F	Amber 100ml unpreserved	A	7	7	9.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2511034-01G	Amber 100ml unpreserved	A	7	7	9.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2511034-01H	Vial HCl preserved	A	NA		9.6	Y	Absent		ARCHIVE()
L2511034-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		9.6	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NI-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),BA-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2511034-02A	Vial HCl preserved	A	NA		9.6	Y	Absent		NYTCL-8260(14)
L2511034-02B	Vial HCl preserved	A	NA		9.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2511034
Report Date: 03/06/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511034-02C	Vial HCl preserved	A	NA		9.6	Y	Absent		NYTCL-8260(14)
L2511034-02D	Plastic 250ml unpreserved	A	7	7	9.6	Y	Absent		-
L2511034-02E	Plastic 250ml HNO3 preserved	A	<2	<2	9.6	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2511034-02F	Plastic 250ml NaOH preserved	A	>12	>12	9.6	Y	Absent		TCN-9010(14)
L2511034-02G	Amber 100ml unpreserved	A	7	7	9.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2511034-02H	Amber 100ml unpreserved	A	7	7	9.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2511034-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		9.6	Y	Absent		SE-6020S(180),CU-6020S(180),K-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),MG-6020S(180),CO-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NI-6020S(180),NA-6020S(180),PB-6020S(180),BA-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2511034-03A	Vial HCl preserved	A	NA		9.6	Y	Absent		NYTCL-8260(14)
L2511034-03B	Vial HCl preserved	A	NA		9.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2511034
Project Number:	41.0163097.00	**Report Date:**	03/06/25

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:	SA 101 EAST 150TH	**Lab Number:**	L2511034
Project Number:	41.0163097.00	**Report Date:**	03/06/25

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:	SA 101 EAST 150TH	**Lab Number:**	L2511034
Project Number:	41.0163097.00	**Report Date:**	03/06/25

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: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2511034
Report Date: 03/06/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 2/28/25

L2511034
GZA – NYC
06MAR25

Project Information

Project Name: SA 101 E 150th
Project Location: Bronx, NY
Project # 41.0163097.00
(Use Project name as Project #) ☐
Project Manager: Bill Maniquez
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

PO #

Client Information

Client: GZA GeoEnvironmental
Address: 104 W 29th St
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@gza.com

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:

Lab to filter for Dissolved TAL Metals

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260 TCL VOCs + 10 TICs	8270 TCL SVOCs + 20 TICs	6010C/6020/7471B TAL Metals (Total + Dissolved)	Total Cyanide (9010/9012)	Mercury (7471)				Sample Specific Comments
11034-01	MW-14	2/27/25	8:45	GW	JN	X	X	X	X	X				
-02	EB_2024-02-27	↓	9:30	W		↓	X	X	X	X				
-03	TB_2024-02-27	↓	-	W	↓	↓								

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

Container Type	V	A	P	P	P			
Preservative	B	A	C	E				

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
Jazlyn Natalie/GZA	2/27/25 16:47	MO A Pace	2-26-25 16:47
MO A Pace	2-27-25 21:25	Anthony Green	FEB 27 2025 2130
Anthony Green			2/28/25 0235
	2/28/25 0240		

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Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2510540
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	SA 101 EAST 150TH
Project Number:	41.0163097.00
Report Date:	03/05/25

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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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2510540-01	MW-02	WATER	101 EAST 150TH ST., BRONX, NY	02/26/25 13:15	02/26/25
L2510540-02	MW-15	WATER	101 EAST 150TH ST., BRONX, NY	02/26/25 11:25	02/26/25
L2510540-03	MW-16	WATER	101 EAST 150TH ST., BRONX, NY	02/26/25 09:10	02/26/25
L2510540-04	MW-17	WATER	101 EAST 150TH ST., BRONX, NY	02/26/25 12:15	02/26/25
L2510540-05	MW-18	WATER	101 EAST 150TH ST., BRONX, NY	02/26/25 10:00	02/26/25
L2510540-06	FD_2024-02-26	WATER	101 EAST 150TH ST., BRONX, NY	02/26/25 00:00	02/26/25
L2510540-07	EB_2024-02-26	WATER	101 EAST 150TH ST., BRONX, NY	02/26/25 14:00	02/26/25
L2510540-08	TB_2024-02-26	WATER	101 EAST 150TH ST., BRONX, NY	02/26/25 00:00	02/26/25

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2510540
Project Number:	41.0163097.00	**Report Date:**	03/05/25

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 Pace 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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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, Pace'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 Pace Project Manager and made arrangements for Pace 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:	SA 101 EAST 150TH	**Lab Number:**	L2510540
Project Number:	41.0163097.00	**Report Date:**	03/05/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG2035019-1 Method Blank, associated with L2510540-04 and -05, has a concentration above the reporting limit for Bis(2-ethylhexyl)phthalate. Since the associated sample concentrations are non-detect to the RL, no corrective action is required.

The WG2035019-2 LCS recovery associated with L2510540-04 and -05 is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Semivolatile Organics by SIM

The WG2035020-1 Method Blank associated with L2510540-02 through -07 has a concentration above the reporting limit for 2-Methylnaphthalene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required.

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: 03/05/25

ORGANICS

VOLATILES

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 13:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/28/25 13:49
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	0.66		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01 Date Collected: 02/26/25 13:15

Client ID: MW-02 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.44	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01 Date Collected: 02/26/25 13:15

Client ID: MW-02 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	103		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 11:25
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/28/25 13:23
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	1.7	J	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	0.19	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	33		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02 Date Collected: 02/26/25 11:25

Client ID: MW-15 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	4.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	0.84	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	0.84	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	5.4		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	5.4		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	3.6		ug/l	2.5	0.70	1
sec-Butylbenzene	8.6		ug/l	2.5	0.70	1
tert-Butylbenzene	1.5	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	51		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	8.9		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02 Date Collected: 02/26/25 11:25

Client ID: MW-15 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	38		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	7.9		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	1.2	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	104	J	ug/l			1
Unknown	6.10	J	ug/l			1
Unknown	13.0	J	ug/l			1
Cyclopentene, 1,2,3-trimethyl-	7.47	NJ	ug/l			1
Unknown Aromatic	32.4	J	ug/l			1
Unknown Cycloalkane	8.38	J	ug/l			1
Unknown Cyclohexane	4.54	J	ug/l			1
Unknown	16.5	J	ug/l			1
Unknown Alkene	4.99	J	ug/l			1
Unknown Aromatic	6.31	J	ug/l			1
Unknown	4.49	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	93		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 09:10
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/28/25 12:58
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	0.52		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03 Date Collected: 02/26/25 09:10

Client ID: MW-16 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.23	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	0.81	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03 Date Collected: 02/26/25 09:10

Client ID: MW-16 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.48	J	ug/l			1
Unknown Aromatic	1.48	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 12:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/28/25 12:32
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	5.1		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	0.86		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	5.4		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.25	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04 Date Collected: 02/26/25 12:15

Client ID: MW-17 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	27		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	10		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	10		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04 Date Collected: 02/26/25 12:15

Client ID: MW-17 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	4.71	J	ug/l			1
Unknown	4.71	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	102		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 10:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/28/25 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	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	0.29	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	62		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05 Date Collected: 02/26/25 10:00

Client ID: MW-18 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.8		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	4.3	J	ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	9.6		ug/l	2.5	0.70	1
sec-Butylbenzene	5.9		ug/l	2.5	0.70	1
tert-Butylbenzene	1.1	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	37		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05 Date Collected: 02/26/25 10:00

Client ID: MW-18 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	65		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	2.3	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	14		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	35		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	304	J	ug/l			1
Unknown Benzene	8.40	J	ug/l			1
Unknown Aromatic	12.4	J	ug/l			1
Unknown	12.3	J	ug/l			1
Unknown Aromatic	45.8	J	ug/l			1
Indane	130	NJ	ug/l			1
Unknown Aromatic	12.8	J	ug/l			1
Unknown Aromatic	13.5	J	ug/l			1
Unknown Cycloalkane	11.3	J	ug/l			1
Unknown Benzene	44.3	J	ug/l			1
Unknown	13.3	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	92		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/28/25 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	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	0.40	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	51		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06 Date Collected: 02/26/25 00:00

Client ID: FD_2024-02-26 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	0.76	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.76	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	7.9		ug/l	2.5	0.70	1
sec-Butylbenzene	4.9		ug/l	2.5	0.70	1
tert-Butylbenzene	0.94	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	29		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06 Date Collected: 02/26/25 00:00

Client ID: FD_2024-02-26 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	52		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	1.6	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	12		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	28		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	258	J	ug/l			1
Indane	111	NJ	ug/l			1
Unknown Aromatic	11.1	J	ug/l			1
Unknown	10.7	J	ug/l			1
Unknown Aromatic	10.3	J	ug/l			1
Unknown Aromatic	11.5	J	ug/l			1
Unknown Benzene	36.0	J	ug/l			1
Unknown Cycloalkane	9.85	J	ug/l			1
Unknown Aromatic	39.2	J	ug/l			1
Unknown	7.26	J	ug/l			1
Unknown	10.8	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07
Client ID: EB_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 14:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 02/28/25 11:16
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	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07 Date Collected: 02/26/25 14:00

Client ID: EB_2024-02-26 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07 Date Collected: 02/26/25 14:00

Client ID: EB_2024-02-26 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-08
Client ID: TB_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 03/02/25 21:57
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-08 Date Collected: 02/26/25 00:00

Client ID: TB_2024-02-26 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-08 Date Collected: 02/26/25 00:00

Client ID: TB_2024-02-26 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/02/25 21:30
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2035941-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/02/25 21:30
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2035941-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/02/25 21:30
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2035941-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 03/02/25 21:30
Analyst: RAW

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG2035941-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/28/25 08:43
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2035962-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/28/25 08:43
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2035962-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/28/25 08:43
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2035962-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds		
No Tentatively Identified Compounds	ND	ug/l

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/28/25 08:43
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2035962-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2035941-3 WG2035941-4								
Methylene chloride	89		92		70-130	3		20
1,1-Dichloroethane	98		100		70-130	2		20
Chloroform	99		99		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	93		95		70-130	2		20
Dibromochloromethane	98		98		63-130	0		20
1,1,2-Trichloroethane	100		99		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	96		99		67-130	3		20
trans-1,3-Dichloropropene	93		92		70-130	1		20
cis-1,3-Dichloropropene	83		86		70-130	4		20
1,1-Dichloropropene	92		93		70-130	1		20
Bromoform	96		97		54-136	1		20
1,1,2,2-Tetrachloroethane	94		98		67-130	4		20
Benzene	95		96		70-130	1		20
Toluene	98		98		70-130	0		20
Ethylbenzene	99		100		70-130	1		20
Chloromethane	90		91		64-130	1		20
Bromomethane	94		100		39-139	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2035941-3 WG2035941-4								
Vinyl chloride	91		93		55-140	2		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	79		83		61-145	5		20
trans-1,2-Dichloroethene	95		96		70-130	1		20
Trichloroethene	96		100		70-130	4		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	98		100		70-130	2		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	92		94		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	93		96		70-130	3		20
Dibromomethane	95		96		70-130	1		20
1,2,3-Trichloropropane	84		91		64-130	8		20
Acrylonitrile	100		96		70-130	4		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	87		87		36-147	0		20
Acetone	110		92		58-148	18		20
Carbon disulfide	79		83		51-130	5		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	90		90		59-130	0		20
2-Hexanone	82		85		57-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2035941-3 WG2035941-4								
Bromochloromethane	99		100		70-130	1		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	97		95		70-130	2		20
1,3-Dichloropropane	97		98		70-130	1		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	98		100		70-130	2		20
n-Butylbenzene	99		100		53-136	1		20
sec-Butylbenzene	97		100		70-130	3		20
tert-Butylbenzene	98		100		70-130	2		20
o-Chlorotoluene	96		98		70-130	2		20
p-Chlorotoluene	98		100		70-130	2		20
1,2-Dibromo-3-chloropropane	84		83		41-144	1		20
Hexachlorobutadiene	95		100		63-130	5		20
Isopropylbenzene	97		100		70-130	3		20
p-Isopropyltoluene	98		100		70-130	2		20
Naphthalene	73		83		70-130	13		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	86		95		70-130	10		20
1,2,4-Trichlorobenzene	89		97		70-130	9		20
1,3,5-Trimethylbenzene	97		100		64-130	3		20
1,2,4-Trimethylbenzene	99		100		70-130	1		20
1,4-Dioxane	66		72		56-162	9		20
p-Diethylbenzene	96		100		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG2035941-3 WG2035941-4								
p-Ethyltoluene	96		99		70-130	3		20
1,2,4,5-Tetramethylbenzene	96		96		70-130	0		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	78		76		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		112		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	100		99		70-130
Dibromofluoromethane	107		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2035962-3 WG2035962-4								
Methylene chloride	100		96		70-130	4		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	98		98		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	100		97		70-130	3		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		100		62-150	10		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
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	89		90		54-136	1		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	110		110		70-130	0		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	88		88		64-130	0		20
Bromomethane	99		95		39-139	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2035962-3 WG2035962-4								
Vinyl chloride	87		86		55-140	1		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	110		100		70-130	10		20
1,2-Dichlorobenzene	100		99		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	99		97		70-130	2		20
Methyl tert butyl ether	100		110		63-130	10		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	110		110		64-130	0		20
Acrylonitrile	83		86		70-130	4		20
Styrene	105		105		70-130	0		20
Dichlorodifluoromethane	92		90		36-147	2		20
Acetone	76		89		58-148	16		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	96		95		63-138	1		20
Vinyl acetate	99		100		70-130	1		20
4-Methyl-2-pentanone	82		82		59-130	0		20
2-Hexanone	84		90		57-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2035962-3 WG2035962-4								
Bromochloromethane	97		93		70-130	4		20
2,2-Dichloropropane	120		110		63-133	9		20
1,2-Dibromoethane	99		100		70-130	1		20
1,3-Dichloropropane	110		110		70-130	0		20
1,1,1,2-Tetrachloroethane	99		100		64-130	1		20
Bromobenzene	98		96		70-130	2		20
n-Butylbenzene	120		110		53-136	9		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		99		70-130	1		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		100		70-130	10		20
1,2-Dibromo-3-chloropropane	90		96		41-144	6		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	100		99		70-130	1		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	96		97		70-130	1		20
n-Propylbenzene	110		100		69-130	10		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		100		64-130	10		20
1,2,4-Trimethylbenzene	110		100		70-130	10		20
1,4-Dioxane	92		88		56-162	4		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG2035962-3 WG2035962-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	95		92		70-130	3		20
Ethyl ether	110		110		59-134	0		20
trans-1,4-Dichloro-2-butene	100		100		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		116		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	109		106		70-130
Dibromofluoromethane	102		100		70-130

SEMIVOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 13:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/03/25 16:32
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01 Date Collected: 02/26/25 13:15

Client ID: MW-02 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	19.1	J	ug/l			1
Unknown Organic Acid	8.40	J	ug/l			1
Unknown Organic Acid	10.7	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	38		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	71		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 13:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/03/25 10:00
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 13:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	81		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 11:25
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/05/25 04:15
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	1.9	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 11:25
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	3.5	J	ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	32.1	J	ug/l			1
Unknown Organic Acid	6.90	J	ug/l			1
Unknown Benzene	5.00	J	ug/l			1
Unknown	5.60	J	ug/l			1
Unknown Thiophene	5.20	J	ug/l			1
Unknown Organic Acid	9.40	J	ug/l			1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02 Date Collected: 02/26/25 11:25

Client ID: MW-15 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, 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	43		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	74		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 11:25
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/02/25 11:27
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	6.8		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02 Date Collected: 02/26/25 11:25

Client ID: MW-15 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	93		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 09:10
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/05/25 04:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03 Date Collected: 02/26/25 09:10

Client ID: MW-16 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
Total TIC Compounds	23.1	J	ug/l			1
Unknown Organic Acid	13.5	J	ug/l			1
Unknown Organic Acid	9.60	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	83		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 09:10
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/02/25 11:44
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03 Date Collected: 02/26/25 09:10

Client ID: MW-16 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**11**	Q	21-120
Phenol-d6	15		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	19		10-120
4-Terphenyl-d14	85		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 12:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/01/25 17:23
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04 Date Collected: 02/26/25 12:15

Client ID: MW-17 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
Total TIC Compounds	19.3	J	ug/l			1
Unknown Organic Acid	19.3	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	25		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	100		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 12:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/02/25 12:00
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04 Date Collected: 02/26/25 12:15

Client ID: MW-17 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	81		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 10:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/01/25 17:45
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05 Date Collected: 02/26/25 10:00

Client ID: MW-18 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05 Date Collected: 02/26/25 10:00

Client ID: MW-18 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	289	J	ug/l			1
Unknown	6.40	J	ug/l			1
Unknown Benzene	4.30	J	ug/l			1
Unknown Benzene	4.50	J	ug/l			1
Unknown Benzene	11.4	J	ug/l			1
Unknown	4.40	J	ug/l			1
Unknown	5.20	J	ug/l			1
Unknown	7.50	J	ug/l			1
Indane	115	NJ	ug/l			1
Unknown	4.50	J	ug/l			1
Unknown Benzene	24.3	J	ug/l			1
Unknown Organic Acid	15.1	J	ug/l			1
Unknown	5.30	J	ug/l			1
Unknown	6.50	J	ug/l			1
Unknown	8.50	J	ug/l			1
Unknown Thiophene	4.40	J	ug/l			1
Unknown	7.50	J	ug/l			1
Unknown	14.6	J	ug/l			1
Unknown Benzene	26.2	J	ug/l			1
Benzene, Propyl-	13.8	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	108		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 10:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/02/25 12:17
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.65		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05 Date Collected: 02/26/25 10:00

Client ID: MW-18 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	88		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/05/25 05:00
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	196	J	ug/l			1
Unknown	11.8	J	ug/l			1
Unknown	5.40	J	ug/l			1
Unknown	7.30	J	ug/l			1
Unknown Benzene	5.80	J	ug/l			1
Unknown Benzene	16.9	J	ug/l			1
Unknown Benzene	5.50	J	ug/l			1
Unknown Organic Acid	14.9	J	ug/l			1
Unknown Organic Acid	20.0	J	ug/l			1
Indane	74.3	NJ	ug/l			1
Unknown Benzene	8.20	J	ug/l			1
Unknown	7.90	J	ug/l			1
Unknown Benzene	17.9	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	76		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/02/25 12:34
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.58		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	93		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07
Client ID: EB_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 14:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 03/05/25 05:23
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 15:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07 Date Collected: 02/26/25 14:00

Client ID: EB_2024-02-26 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	30		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	65		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07
Client ID: EB_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 14:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 03/02/25 12:50
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07
Client ID: EB_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 14:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	83		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/28/25 20:57
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG2035019-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	58.		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/28/25 20:57
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG2035019-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/28/25 20:57
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG2035019-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	129	J	ug/l
Unknown	50.2	J	ug/l
Unknown Organic Acid	10.4	J	ug/l
Unknown	52.2	J	ug/l
Unknown	15.8	J	ug/l

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 02/28/25 20:57
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-05 Batch: WG2035019-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	94		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	104		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/04/25 09:13
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-07 Batch: WG2035020-1					
Acenaphthene	0.09	J	ug/l	0.10	0.02
2-Chloronaphthalene	0.07	J	ug/l	0.20	0.02
Fluoranthene	0.06	J	ug/l	0.10	0.03
Hexachlorobutadiene	0.09	J	ug/l	0.50	0.02
Naphthalene	0.09	J	ug/l	0.10	0.02
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.03
Chrysene	0.04	J	ug/l	0.10	0.03
Acenaphthylene	0.06	J	ug/l	0.10	0.02
Anthracene	0.05	J	ug/l	0.10	0.02
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.02
Fluorene	0.09	J	ug/l	0.10	0.03
Phenanthrene	0.08	J	ug/l	0.10	0.04
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02
Pyrene	0.07	J	ug/l	0.10	0.04
2-Methylnaphthalene	0.10		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	0.07	J	ug/l	0.80	0.01
Hexachloroethane	0.07	J	ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/04/25 09:13
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 02/27/25 23:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02-07 Batch: WG2035020-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	64		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/03/25 12:48
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2035737-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/03/25 12:48
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2035737-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/03/25 12:48
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG2035737-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	4.90	J	ug/l
Unknown	4.90	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	73		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/03/25 09:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG2035738-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 03/03/25 09:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 03/02/25 13:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG2035738-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	94		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/05/25 02:00
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 15:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,06-07 Batch: WG2036578-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	1.4	J	ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/05/25 02:00
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 15:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,06-07 Batch: WG2036578-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 03/05/25 02:00
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 03/04/25 15:13

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-03,06-07 Batch: WG2036578-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds

Total TIC Compounds	11.7	J	ug/l
Unknown Organic Acid	7.00	J	ug/l
Unknown	4.70	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	84		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG2035019-2 WG2035019-3								
Acenaphthene	88		93		37-111	6		30
1,2,4-Trichlorobenzene	85		98		39-98	14		30
Hexachlorobenzene	111		112		40-140	1		30
Bis(2-chloroethyl)ether	80		88		40-140	10		30
2-Chloronaphthalene	96		101		40-140	5		30
1,2-Dichlorobenzene	81		90		40-140	11		30
1,3-Dichlorobenzene	82		85		40-140	4		30
1,4-Dichlorobenzene	81		88		36-97	8		30
3,3'-Dichlorobenzidine	88		92		40-140	4		30
2,4-Dinitrotoluene	105		109		48-143	4		30
2,6-Dinitrotoluene	106		114		40-140	7		30
Fluoranthene	105		107		40-140	2		30
4-Chlorophenyl phenyl ether	100		105		40-140	5		30
4-Bromophenyl phenyl ether	105		108		40-140	3		30
Bis(2-chloroisopropyl)ether	65		72		40-140	10		30
Bis(2-chloroethoxy)methane	87		94		40-140	8		30
Hexachlorobutadiene	84		91		40-140	8		30
Hexachlorocyclopentadiene	87		92		40-140	6		30
Hexachloroethane	75		75		40-140	0		30
Isophorone	84		89		40-140	6		30
Naphthalene	84		92		40-140	9		30
Nitrobenzene	91		96		40-140	5		30
NDPA/DPA	98		101		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG2035019-2 WG2035019-3								
n-Nitrosodi-n-propylamine	81		91		29-132	12		30
Bis(2-ethylhexyl)phthalate	**1140**	Q	**424**	Q	40-140	**92**	Q	30
Butyl benzyl phthalate	104		104		40-140	0		30
Di-n-butylphthalate	98		99		40-140	1		30
Di-n-octylphthalate	88		90		40-140	2		30
Diethyl phthalate	91		95		40-140	4		30
Dimethyl phthalate	106		108		40-140	2		30
Benzo(a)anthracene	96		97		40-140	1		30
Benzo(a)pyrene	108		111		40-140	3		30
Benzo(b)fluoranthene	102		105		40-140	3		30
Benzo(k)fluoranthene	103		108		40-140	5		30
Chrysene	95		97		40-140	2		30
Acenaphthylene	107		115		45-123	7		30
Anthracene	99		99		40-140	0		30
Benzo(ghi)perylene	101		101		40-140	0		30
Fluorene	100		104		40-140	4		30
Phenanthrene	95		99		40-140	4		30
Dibenzo(a,h)anthracene	101		102		40-140	1		30
Indeno(1,2,3-cd)pyrene	98		102		40-140	4		30
Pyrene	105		109		26-127	4		30
Biphenyl	112		121		40-140	8		30
4-Chloroaniline	84		88		40-140	5		30
2-Nitroaniline	105		111		52-143	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG2035019-2 WG2035019-3								
3-Nitroaniline	101		100		25-145	1		30
4-Nitroaniline	107		109		51-143	2		30
Dibenzofuran	94		99		40-140	5		30
2-Methylnaphthalene	81		88		40-140	8		30
1,2,4,5-Tetrachlorobenzene	109		118		2-134	8		30
Acetophenone	110		121		39-129	10		30
2,4,6-Trichlorophenol	76		107		30-130	**34**	Q	30
p-Chloro-m-cresol	95		**103**	Q	23-97	8		30
2-Chlorophenol	79		97		27-123	20		30
2,4-Dichlorophenol	89		104		30-130	16		30
2,4-Dimethylphenol	88		96		30-130	9		30
2-Nitrophenol	90		110		30-130	20		30
4-Nitrophenol	49		60		10-80	20		30
2,4-Dinitrophenol	64		97		20-130	**41**	Q	30
4,6-Dinitro-o-cresol	74		106		20-164	**36**	Q	30
Pentachlorophenol	82		**118**	Q	9-103	**36**	Q	30
Phenol	42		49		12-110	15		30
2-Methylphenol	81		85		30-130	5		30
3-Methylphenol/4-Methylphenol	75		82		30-130	9		30
2,4,5-Trichlorophenol	92		116		30-130	23		30
Benzoic Acid	**0**	Q	24		10-164	NC		30
Benzyl Alcohol	89		92		26-116	3		30
Carbazole	99		100		55-144	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05 Batch: WG2035019-2 WG2035019-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		69		21-120
Phenol-d6	41		46		10-120
Nitrobenzene-d5	84		93		23-120
2-Fluorobiphenyl	89		102		15-120
2,4,6-Tribromophenol	97		111		10-120
4-Terphenyl-d14	103		108		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-07 Batch: WG2035020-2 WG2035020-3								
Acenaphthene	90		95		40-140	5		40
2-Chloronaphthalene	78		85		40-140	9		40
Fluoranthene	93		96		40-140	3		40
Hexachlorobutadiene	64		70		40-140	9		40
Naphthalene	77		84		40-140	9		40
Benzo(a)anthracene	99		103		40-140	4		40
Benzo(a)pyrene	104		114		40-140	9		40
Benzo(b)fluoranthene	98		108		40-140	10		40
Benzo(k)fluoranthene	95		106		40-140	11		40
Chrysene	89		94		40-140	5		40
Acenaphthylene	88		94		40-140	7		40
Anthracene	97		101		40-140	4		40
Benzo(ghi)perylene	116		122		40-140	5		40
Fluorene	95		101		40-140	6		40
Phenanthrene	95		98		40-140	3		40
Dibenzo(a,h)anthracene	118		124		40-140	5		40
Indeno(1,2,3-cd)pyrene	120		125		40-140	4		40
Pyrene	92		96		40-140	4		40
2-Methylnaphthalene	73		78		40-140	7		40
Pentachlorophenol	68		97		40-140	35		40
Hexachlorobenzene	93		96		40-140	3		40
Hexachloroethane	71		80		40-140	12		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02-07 Batch: WG2035020-2 WG2035020-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		70		21-120
Phenol-d6	44		53		10-120
Nitrobenzene-d5	82		94		23-120
2-Fluorobiphenyl	73		81		15-120
2,4,6-Tribromophenol	88		112		10-120
4-Terphenyl-d14	86		90		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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: WG2035737-2 WG2035737-3								
Acenaphthene	58		63		37-111	8		30
1,2,4-Trichlorobenzene	53		56		39-98	6		30
Hexachlorobenzene	72		75		40-140	4		30
Bis(2-chloroethyl)ether	52		53		40-140	2		30
2-Chloronaphthalene	58		61		40-140	5		30
1,2-Dichlorobenzene	49		53		40-140	8		30
1,3-Dichlorobenzene	47		51		40-140	8		30
1,4-Dichlorobenzene	50		50		36-97	0		30
3,3'-Dichlorobenzidine	53		57		40-140	7		30
2,4-Dinitrotoluene	74		72		48-143	3		30
2,6-Dinitrotoluene	70		77		40-140	10		30
Fluoranthene	74		79		40-140	7		30
4-Chlorophenyl phenyl ether	69		73		40-140	6		30
4-Bromophenyl phenyl ether	73		74		40-140	1		30
Bis(2-chloroisopropyl)ether	44		45		40-140	2		30
Bis(2-chloroethoxy)methane	55		57		40-140	4		30
Hexachlorobutadiene	53		56		40-140	6		30
Hexachlorocyclopentadiene	57		62		40-140	8		30
Hexachloroethane	41		47		40-140	14		30
Isophorone	55		59		40-140	7		30
Naphthalene	52		55		40-140	6		30
Nitrobenzene	54		58		40-140	7		30
NDPA/DPA	69		70		40-140	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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: WG2035737-2 WG2035737-3								
n-Nitrosodi-n-propylamine	54		54		29-132	0		30
Bis(2-ethylhexyl)phthalate	62		66		40-140	6		30
Butyl benzyl phthalate	65		71		40-140	9		30
Di-n-butylphthalate	67		72		40-140	7		30
Di-n-octylphthalate	60		64		40-140	6		30
Diethyl phthalate	65		70		40-140	7		30
Dimethyl phthalate	72		78		40-140	8		30
Benzo(a)anthracene	70		73		40-140	4		30
Benzo(a)pyrene	78		83		40-140	6		30
Benzo(b)fluoranthene	78		81		40-140	4		30
Benzo(k)fluoranthene	76		78		40-140	3		30
Chrysene	71		73		40-140	3		30
Acenaphthylene	68		72		45-123	6		30
Anthracene	69		72		40-140	4		30
Benzo(ghi)perylene	75		77		40-140	3		30
Fluorene	68		70		40-140	3		30
Phenanthrene	68		73		40-140	7		30
Dibenzo(a,h)anthracene	77		79		40-140	3		30
Indeno(1,2,3-cd)pyrene	76		81		40-140	6		30
Pyrene	71		77		26-127	8		30
Biphenyl	74		77		40-140	4		30
4-Chloroaniline	47		45		40-140	4		30
2-Nitroaniline	71		78		52-143	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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: WG2035737-2 WG2035737-3								
3-Nitroaniline	67		66		25-145	2		30
4-Nitroaniline	73		73		51-143	0		30
Dibenzofuran	64		67		40-140	5		30
2-Methylnaphthalene	53		55		40-140	4		30
1,2,4,5-Tetrachlorobenzene	68		73		2-134	7		30
Acetophenone	69		67		39-129	3		30
2,4,6-Trichlorophenol	64		72		30-130	12		30
p-Chloro-m-cresol	64		73		23-97	13		30
2-Chlorophenol	56		62		27-123	10		30
2,4-Dichlorophenol	63		64		30-130	2		30
2,4-Dimethylphenol	55		67		30-130	20		30
2-Nitrophenol	63		63		30-130	0		30
4-Nitrophenol	46		48		10-80	4		30
2,4-Dinitrophenol	78		80		20-130	3		30
4,6-Dinitro-o-cresol	73		78		20-164	7		30
Pentachlorophenol	77		82		9-103	6		30
Phenol	33		37		12-110	11		30
2-Methylphenol	52		56		30-130	7		30
3-Methylphenol/4-Methylphenol	54		56		30-130	4		30
2,4,5-Trichlorophenol	74		74		30-130	0		30
Benzoic Acid	20		23		10-164	14		30
Benzyl Alcohol	57		56		26-116	2		30
Carbazole	69		74		55-144	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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: WG2035737-2 WG2035737-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	41		42		21-120
Phenol-d6	30		31		10-120
Nitrobenzene-d5	49		55		23-120
2-Fluorobiphenyl	63		64		15-120
2,4,6-Tribromophenol	70		73		10-120
4-Terphenyl-d14	74		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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: WG2035738-2 WG2035738-3					
Acenaphthene	70		70		40-140	0		40
2-Chloronaphthalene	58		73		40-140	23		40
Fluoranthene	98		80		40-140	20		40
Hexachlorobutadiene	52		59		40-140	13		40
Naphthalene	55		63		40-140	14		40
Benzo(a)anthracene	81		80		40-140	1		40
Benzo(a)pyrene	95		97		40-140	2		40
Benzo(b)fluoranthene	75		86		40-140	14		40
Benzo(k)fluoranthene	79		88		40-140	11		40
Chrysene	81		82		40-140	1		40
Acenaphthylene	67		88		40-140	27		40
Anthracene	85		83		40-140	2		40
Benzo(ghi)perylene	82		109		40-140	28		40
Fluorene	84		80		40-140	5		40
Phenanthrene	79		78		40-140	1		40
Dibenzo(a,h)anthracene	106		103		40-140	3		40
Indeno(1,2,3-cd)pyrene	109		106		40-140	3		40
Pyrene	90		78		40-140	14		40
2-Methylnaphthalene	62		67		40-140	8		40
Pentachlorophenol	101		87		40-140	15		40
Hexachlorobenzene	90		79		40-140	13		40
Hexachloroethane	53		59		40-140	11		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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: WG2035738-2 WG2035738-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		56		21-120
Phenol-d6	38		43		10-120
Nitrobenzene-d5	71		76		23-120
2-Fluorobiphenyl	60		74		15-120
2,4,6-Tribromophenol	111		95		10-120
4-Terphenyl-d14	92		75		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,06-07 Batch: WG2036578-2 WG2036578-3								
Acenaphthene	64		72		37-111	12		30
1,2,4-Trichlorobenzene	58		68		39-98	16		30
Hexachlorobenzene	77		84		40-140	9		30
Bis(2-chloroethyl)ether	64		68		40-140	6		30
2-Chloronaphthalene	64		79		40-140	21		30
1,2-Dichlorobenzene	52		62		40-140	18		30
1,3-Dichlorobenzene	52		59		40-140	13		30
1,4-Dichlorobenzene	53		62		36-97	16		30
3,3'-Dichlorobenzidine	81		93		40-140	14		30
2,4-Dinitrotoluene	80		88		48-143	10		30
2,6-Dinitrotoluene	82		91		40-140	10		30
Fluoranthene	81		95		40-140	16		30
4-Chlorophenyl phenyl ether	68		82		40-140	19		30
4-Bromophenyl phenyl ether	72		84		40-140	15		30
Bis(2-chloroisopropyl)ether	54		58		40-140	7		30
Bis(2-chloroethoxy)methane	65		73		40-140	12		30
Hexachlorobutadiene	55		70		40-140	24		30
Hexachlorocyclopentadiene	**36**	Q	60		40-140	**50**	Q	30
Hexachloroethane	48		54		40-140	12		30
Isophorone	63		67		40-140	6		30
Naphthalene	58		69		40-140	17		30
Nitrobenzene	67		72		40-140	7		30
NDPA/DPA	75		82		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,06-07 Batch: WG2036578-2 WG2036578-3								
n-Nitrosodi-n-propylamine	67		68		29-132	1		30
Bis(2-ethylhexyl)phthalate	74		96		40-140	26		30
Butyl benzyl phthalate	77		100		40-140	26		30
Di-n-butylphthalate	73		94		40-140	25		30
Di-n-octylphthalate	69		98		40-140	**35**	Q	30
Diethyl phthalate	70		83		40-140	17		30
Dimethyl phthalate	78		87		40-140	11		30
Benzo(a)anthracene	75		89		40-140	17		30
Benzo(a)pyrene	86		105		40-140	20		30
Benzo(b)fluoranthene	85		101		40-140	17		30
Benzo(k)fluoranthene	86		99		40-140	14		30
Chrysene	78		88		40-140	12		30
Acenaphthylene	74		87		45-123	16		30
Anthracene	73		86		40-140	16		30
Benzo(ghi)perylene	84		95		40-140	12		30
Fluorene	70		82		40-140	16		30
Phenanthrene	74		83		40-140	11		30
Dibenzo(a,h)anthracene	84		97		40-140	14		30
Indeno(1,2,3-cd)pyrene	82		98		40-140	18		30
Pyrene	81		95		26-127	16		30
Biphenyl	77		95		40-140	21		30
4-Chloroaniline	62		67		40-140	8		30
2-Nitroaniline	81		85		52-143	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,06-07 Batch: WG2036578-2 WG2036578-3								
3-Nitroaniline	67		79		25-145	16		30
4-Nitroaniline	76		80		51-143	5		30
Dibenzofuran	67		78		40-140	15		30
2-Methylnaphthalene	57		68		40-140	18		30
1,2,4,5-Tetrachlorobenzene	69		91		2-134	28		30
Acetophenone	84		88		39-129	5		30
2,4,6-Trichlorophenol	78		79		30-130	1		30
p-Chloro-m-cresol	78		84		23-97	7		30
2-Chlorophenol	66		71		27-123	7		30
2,4-Dichlorophenol	74		80		30-130	8		30
2,4-Dimethylphenol	72		84		30-130	15		30
2-Nitrophenol	76		76		30-130	0		30
4-Nitrophenol	44		58		10-80	27		30
2,4-Dinitrophenol	79		89		20-130	12		30
4,6-Dinitro-o-cresol	78		90		20-164	14		30
Pentachlorophenol	78		95		9-103	20		30
Phenol	36		35		12-110	3		30
2-Methylphenol	58		61		30-130	5		30
3-Methylphenol/4-Methylphenol	59		60		30-130	2		30
2,4,5-Trichlorophenol	84		90		30-130	7		30
Benzoic Acid	24		23		10-164	4		30
Benzyl Alcohol	62		71		26-116	14		30
Carbazole	76		89		55-144	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-03,06-07 Batch: WG2036578-2 WG2036578-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	44		43		21-120
Phenol-d6	33		33		10-120
Nitrobenzene-d5	66		68		23-120
2-Fluorobiphenyl	71		75		15-120
2,4,6-Tribromophenol	78		81		10-120
4-Terphenyl-d14	77		91		41-149

METALS

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01 Date Collected: 02/26/25 13:15

Client ID: MW-02 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0676		mg/l	0.0100	0.00327	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00257		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Barium, Total	0.05951		mg/l	0.00050	0.00017	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00008	J	mg/l	0.00020	0.00005	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Calcium, Total	471.		mg/l	1.00	0.394	10	02/28/25 09:03	03/05/25 13:17	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00053	J	mg/l	0.00100	0.00017	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00052		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Copper, Total	0.00156		mg/l	0.00100	0.00038	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Iron, Total	3.26		mg/l	0.0500	0.0191	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Lead, Total	0.00094	J	mg/l	0.00100	0.00034	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Magnesium, Total	75.8		mg/l	0.0700	0.0242	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Manganese, Total	1.976		mg/l	0.00100	0.00044	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/27/25 21:11	02/28/25 10:29	EPA 7470A	1,7470A	CME
Nickel, Total	0.00110	J	mg/l	0.00200	0.00055	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Potassium, Total	24.0		mg/l	0.100	0.0309	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Selenium, Total	0.00214	J	mg/l	0.00500	0.00173	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Sodium, Total	446.		mg/l	5.00	0.293	10	02/28/25 09:03	03/05/25 13:17	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00177	J	mg/l	0.00500	0.00157	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01370		mg/l	0.01000	0.00341	1	02/28/25 09:03	03/05/25 10:35	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00033	J	mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.06149		mg/l	0.00050	0.00017	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 13:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	417.		mg/l	1.00	0.394	10	02/28/25 08:30	03/04/25 18:40	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00063		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00083	J	mg/l	0.00100	0.00038	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0539		mg/l	0.0500	0.0191	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	72.7		mg/l	0.0700	0.0242	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	2.852		mg/l	0.00100	0.00044	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 12:48	03/04/25 08:45	EPA 7470A	1,7470A	CME
Nickel, Dissolved	0.00103	J	mg/l	0.00200	0.00055	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	23.6		mg/l	0.100	0.0309	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	440.		mg/l	5.00	0.293	10	02/28/25 08:30	03/04/25 18:40	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/25 08:30	03/04/25 10:27	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02 Date Collected: 02/26/25 11:25

Client ID: MW-15 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.178		mg/l	0.0100	0.00327	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01570		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Barium, Total	0.05301		mg/l	0.00050	0.00017	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Calcium, Total	30.4		mg/l	0.100	0.0394	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00046	J	mg/l	0.00100	0.00017	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00098		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Copper, Total	0.00072	J	mg/l	0.00100	0.00038	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Iron, Total	4.34		mg/l	0.0500	0.0191	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Lead, Total	0.00080	J	mg/l	0.00100	0.00034	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Magnesium, Total	4.84		mg/l	0.0700	0.0242	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Manganese, Total	0.8713		mg/l	0.00100	0.00044	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/28/25 12:00	03/02/25 13:24	EPA 7470A	1,7470A	CME
Nickel, Total	0.00068	J	mg/l	0.00200	0.00055	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Potassium, Total	2.53		mg/l	0.100	0.0309	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Sodium, Total	85.1		mg/l	0.500	0.0293	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01428		mg/l	0.01000	0.00341	1	02/28/25 09:03	03/05/25 11:29	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0164		mg/l	0.0100	0.00327	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00715		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.02407		mg/l	0.00050	0.00017	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 11:25
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	30.9		mg/l	0.100	0.0394	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00087		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.284		mg/l	0.0500	0.0191	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	4.77		mg/l	0.0700	0.0242	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.8236		mg/l	0.00100	0.00044	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 12:48	03/04/25 08:55	EPA 7470A	1,7470A	CME
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	2.79		mg/l	0.100	0.0309	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	89.5		mg/l	0.500	0.0293	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/25 08:30	03/04/25 10:54	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03 Date Collected: 02/26/25 09:10

Client ID: MW-16 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.204		mg/l	0.0100	0.00327	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00018	J	mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Barium, Total	0.1086		mg/l	0.00050	0.00017	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00026		mg/l	0.00020	0.00005	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Calcium, Total	150.		mg/l	1.00	0.394	10	02/28/25 09:03	03/05/25 13:42	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00059	J	mg/l	0.00100	0.00017	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00095		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Copper, Total	0.00121		mg/l	0.00100	0.00038	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Iron, Total	0.221		mg/l	0.0500	0.0191	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Lead, Total	0.00125		mg/l	0.00100	0.00034	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Magnesium, Total	22.0		mg/l	0.0700	0.0242	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Manganese, Total	7.459		mg/l	0.00100	0.00044	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/28/25 12:00	03/02/25 13:28	EPA 7470A	1,7470A	CME
Nickel, Total	0.00083	J	mg/l	0.00200	0.00055	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Potassium, Total	8.75		mg/l	0.100	0.0309	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Sodium, Total	212.		mg/l	0.500	0.0293	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01234		mg/l	0.01000	0.00341	1	02/28/25 09:03	03/05/25 11:34	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00474	J	mg/l	0.0100	0.00327	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00021	J	mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1035		mg/l	0.00050	0.00017	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 09:10
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00024		mg/l	0.00020	0.00005	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	162.		mg/l	0.100	0.0394	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00071		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00066	J	mg/l	0.00100	0.00038	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	22.5		mg/l	0.0700	0.0242	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	7.860		mg/l	0.00100	0.00044	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 12:48	03/04/25 08:58	EPA 7470A	1,7470A	CME
Nickel, Dissolved	0.00064	J	mg/l	0.00200	0.00055	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	8.83		mg/l	0.100	0.0309	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	229.		mg/l	0.500	0.0293	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/25 08:30	03/04/25 10:58	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2510540

Project Number: 41.0163097.00 **Report Date:** 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04 Date Collected: 02/26/25 12:15

Client ID: MW-17 Date Received: 02/26/25

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.581		mg/l	0.0100	0.00327	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Barium, Total	0.1287		mg/l	0.00050	0.00017	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00009	J	mg/l	0.00020	0.00005	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Calcium, Total	136.		mg/l	1.00	0.394	10	02/28/25 09:03	03/05/25 13:46	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00151		mg/l	0.00100	0.00017	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00132		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Copper, Total	0.00168		mg/l	0.00100	0.00038	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Iron, Total	0.683		mg/l	0.0500	0.0191	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Lead, Total	0.00119		mg/l	0.00100	0.00034	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Magnesium, Total	8.47		mg/l	0.0700	0.0242	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Manganese, Total	1.928		mg/l	0.00100	0.00044	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/28/25 12:00	03/02/25 13:31	EPA 7470A	1,7470A	CME
Nickel, Total	0.00152	J	mg/l	0.00200	0.00055	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Potassium, Total	16.9		mg/l	0.100	0.0309	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Sodium, Total	261.		mg/l	5.00	0.293	10	02/28/25 09:03	03/05/25 13:46	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01271		mg/l	0.01000	0.00341	1	02/28/25 09:03	03/05/25 11:39	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0296		mg/l	0.0100	0.00327	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00027	J	mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1270		mg/l	0.00050	0.00017	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 12:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	138.		mg/l	0.100	0.0394	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00018	J	mg/l	0.00100	0.00017	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00081		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00087	J	mg/l	0.00100	0.00038	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0507		mg/l	0.0500	0.0191	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	7.39		mg/l	0.0700	0.0242	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	1.879		mg/l	0.00100	0.00044	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 12:48	03/04/25 09:01	EPA 7470A	1,7470A	CME
Nickel, Dissolved	0.00080	J	mg/l	0.00200	0.00055	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	16.1		mg/l	0.100	0.0309	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	289.		mg/l	0.500	0.0293	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	0.00361	J	mg/l	0.01000	0.00341	1	02/28/25 08:30	03/04/25 11:03	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 10:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.153		mg/l	0.0100	0.00327	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.02098		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Barium, Total	0.1193		mg/l	0.00050	0.00017	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Calcium, Total	63.0		mg/l	0.100	0.0394	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00066	J	mg/l	0.00100	0.00017	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00113		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Copper, Total	0.00054	J	mg/l	0.00100	0.00038	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Iron, Total	10.1		mg/l	0.0500	0.0191	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Lead, Total	0.00067	J	mg/l	0.00100	0.00034	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Magnesium, Total	10.4		mg/l	0.0700	0.0242	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Manganese, Total	1.130		mg/l	0.00100	0.00044	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/28/25 12:00	03/02/25 13:34	EPA 7470A	1,7470A	CME
Nickel, Total	0.00061	J	mg/l	0.00200	0.00055	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Potassium, Total	3.47		mg/l	0.100	0.0309	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Sodium, Total	111.		mg/l	0.500	0.0293	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01362		mg/l	0.01000	0.00341	1	02/28/25 09:03	03/05/25 11:44	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00294		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.07700		mg/l	0.00050	0.00017	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 10:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	60.2		mg/l	0.100	0.0394	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00046	J	mg/l	0.00100	0.00017	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00107		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.466		mg/l	0.0500	0.0191	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	10.4		mg/l	0.0700	0.0242	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	1.194		mg/l	0.00100	0.00044	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 12:48	03/04/25 09:04	EPA 7470A	1,7470A	CME
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	3.70		mg/l	0.100	0.0309	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	114.		mg/l	0.500	0.0293	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/25 08:30	03/04/25 14:02	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0558		mg/l	0.0100	0.00327	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01914		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Barium, Total	0.1147		mg/l	0.00050	0.00017	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Calcium, Total	65.4		mg/l	0.100	0.0394	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00029	J	mg/l	0.00100	0.00017	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00117		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Iron, Total	9.37		mg/l	0.0500	0.0191	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Lead, Total	0.00036	J	mg/l	0.00100	0.00034	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Magnesium, Total	10.7		mg/l	0.0700	0.0242	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Manganese, Total	1.152		mg/l	0.00100	0.00044	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/28/25 12:00	03/02/25 13:38	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Potassium, Total	3.66		mg/l	0.100	0.0309	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Sodium, Total	113.		mg/l	0.500	0.0293	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01227		mg/l	0.01000	0.00341	1	02/28/25 09:03	03/05/25 11:48	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00429	J	mg/l	0.0100	0.00327	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00329		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.07608		mg/l	0.00050	0.00017	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	60.9		mg/l	0.100	0.0394	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00020	J	mg/l	0.00100	0.00017	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00118		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00063	J	mg/l	0.00100	0.00038	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.701		mg/l	0.0500	0.0191	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	10.3		mg/l	0.0700	0.0242	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	1.197		mg/l	0.00100	0.00044	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 12:48	03/04/25 09:08	EPA 7470A	1,7470A	CME
Nickel, Dissolved	0.00060	J	mg/l	0.00200	0.00055	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	3.70		mg/l	0.100	0.0309	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	112.		mg/l	0.500	0.0293	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/25 08:30	03/04/25 14:06	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07
Client ID: EB_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 14:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Barium, Total	0.00035	J	mg/l	0.00050	0.00017	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Calcium, Total	0.0793	J	mg/l	0.100	0.0394	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/28/25 12:00	03/02/25 13:41	EPA 7470A	1,7470A	CME
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Sodium, Total	0.166	J	mg/l	0.500	0.0293	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Zinc, Total	0.01402		mg/l	0.01000	0.00341	1	02/28/25 09:03	03/05/25 11:53	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.00029	J	mg/l	0.00050	0.00017	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2510540
Project Number: 41.0163097.00
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07
Client ID: EB_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 02/26/25 14:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	0.101		mg/l	0.100	0.0394	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00020	J	mg/l	0.00100	0.00017	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 12:48	03/04/25 09:18	EPA 7470A	1,7470A	CME
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	0.170	J	mg/l	0.500	0.0293	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/25 08:30	03/04/25 14:11	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

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 Batch: WG2034960-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/27/25 21:11	02/28/25 10:22	1,7470A	CME

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): 01-07 Batch: WG2035084-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Sodium, Dissolved	ND		mg/l	0.500	0.0293	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/25 08:30	03/04/25 09:48	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-07 Batch: WG2035085-1										
Aluminum, Total	0.00466	J	mg/l	0.0100	0.00327	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	02/28/25 09:03	03/05/25 09:57	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
Report Date: 03/05/25

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): 02-07 Batch: WG2035095-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	02/28/25 12:00	03/02/25 12:58	1,7470A	CME

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): 01-07 Batch: WG2035980-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	03/03/25 12:48	03/04/25 08:38	1,7470A	CME

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG2034960-2								
Mercury, Total	109		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2035084-2					
Aluminum, Dissolved	104	-	80-120	-	
Antimony, Dissolved	88	-	80-120	-	
Arsenic, Dissolved	96	-	80-120	-	
Barium, Dissolved	106	-	80-120	-	
Beryllium, Dissolved	107	-	80-120	-	
Cadmium, Dissolved	103	-	80-120	-	
Calcium, Dissolved	90	-	80-120	-	
Chromium, Dissolved	105	-	80-120	-	
Cobalt, Dissolved	104	-	80-120	-	
Copper, Dissolved	105	-	80-120	-	
Iron, Dissolved	106	-	80-120	-	
Lead, Dissolved	99	-	80-120	-	
Magnesium, Dissolved	103	-	80-120	-	
Manganese, Dissolved	108	-	80-120	-	
Nickel, Dissolved	104	-	80-120	-	
Potassium, Dissolved	104	-	80-120	-	
Selenium, Dissolved	101	-	80-120	-	
Silver, Dissolved	110	-	80-120	-	
Sodium, Dissolved	103	-	80-120	-	
Thallium, Dissolved	100	-	80-120	-	
Vanadium, Dissolved	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2035084-2					
Zinc, Dissolved	107	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2035085-2					
Aluminum, Total	103	-	80-120	-	
Antimony, Total	104	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	111	-	80-120	-	
Beryllium, Total	104	-	80-120	-	
Cadmium, Total	106	-	80-120	-	
Calcium, Total	112	-	80-120	-	
Chromium, Total	111	-	80-120	-	
Cobalt, Total	105	-	80-120	-	
Copper, Total	111	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	101	-	80-120	-	
Magnesium, Total	89	-	80-120	-	
Manganese, Total	100	-	80-120	-	
Nickel, Total	109	-	80-120	-	
Potassium, Total	100	-	80-120	-	
Selenium, Total	96	-	80-120	-	
Silver, Total	108	-	80-120	-	
Sodium, Total	90	-	80-120	-	
Thallium, Total	103	-	80-120	-	
Vanadium, Total	104	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2035085-2					
Zinc, Total	102	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02-07 Batch: WG2035095-2					
Mercury, Total	100	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2035980-2					
Mercury, Dissolved	93	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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 QC Batch ID: WG2034960-3 QC Sample: L2510540-01 Client ID: MW-02												
Mercury, Total	ND	0.005	0.00531	106		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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): 01-07 QC Batch ID: WG2035084-3 WG2035084-4 QC Sample: L2510548-11 Client ID: MS Sample									
Aluminum, Dissolved	0.00845J	2	2.09	104	2.02	101	75-125	3	20
Antimony, Dissolved	0.00124J	0.5	0.4412	88	0.4258	85	75-125	4	20
Arsenic, Dissolved	ND	0.12	0.1262	105	0.1218	102	75-125	4	20
Barium, Dissolved	0.05162	2	2.184	107	2.166	106	75-125	1	20
Beryllium, Dissolved	ND	0.05	0.05448	109	0.05412	108	75-125	1	20
Cadmium, Dissolved	ND	0.053	0.05617	106	0.05592	106	75-125	0	20
Calcium, Dissolved	17.5	10	26.9	94	25.8	83	75-125	4	20
Chromium, Dissolved	0.00106	0.2	0.2136	106	0.2088	104	75-125	2	20
Cobalt, Dissolved	ND	0.5	0.5258	105	0.5171	103	75-125	2	20
Copper, Dissolved	ND	0.25	0.2705	108	0.2636	105	75-125	3	20
Iron, Dissolved	ND	1	1.12	112	1.10	110	75-125	2	20
Lead, Dissolved	ND	0.53	0.5292	100	0.5264	99	75-125	1	20
Magnesium, Dissolved	2.46	10	12.8	103	12.4	99	75-125	3	20
Manganese, Dissolved	0.00270	0.5	0.5453	108	0.5295	105	75-125	3	20
Nickel, Dissolved	0.00060J	0.5	0.5320	106	0.5194	104	75-125	2	20
Potassium, Dissolved	2.30	10	12.8	105	12.4	101	75-125	3	20
Selenium, Dissolved	ND	0.12	0.124	103	0.119	99	75-125	4	20
Silver, Dissolved	ND	0.05	0.05650	113	0.05578	112	75-125	1	20
Sodium, Dissolved	7.61	10	17.5	99	17.1	95	75-125	2	20
Thallium, Dissolved	ND	0.12	0.1196	100	0.1190	99	75-125	1	20
Vanadium, Dissolved	ND	0.5	0.5208	104	0.5115	102	75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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): 01-07 QC Batch ID: WG2035084-3 WG2035084-4 QC Sample: L2510548-11 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.5470	109	0.5305	106	75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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): 01-07 QC Batch ID: WG2035085-3 WG2035085-4 QC Sample: L2510548-11 Client ID: MS Sample									
Aluminum, Total	0.0110	2	1.99	99	2.04	101	75-125	2	20
Antimony, Total	ND	0.5	0.5302	106	0.5472	109	75-125	3	20
Arsenic, Total	ND	0.12	0.1265	105	0.1260	105	75-125	0	20
Barium, Total	0.05308	2	2.249	110	2.317	113	75-125	3	20
Beryllium, Total	ND	0.05	0.05240	105	0.05281	106	75-125	1	20
Cadmium, Total	ND	0.053	0.05703	108	0.05765	109	75-125	1	20
Calcium, Total	16.9	10	26.0	91	24.8	79	75-125	5	20
Chromium, Total	0.00237	0.2	0.2275	112	0.2309	114	75-125	1	20
Cobalt, Total	ND	0.5	0.5151	103	0.5186	104	75-125	1	20
Copper, Total	ND	0.25	0.2752	110	0.2740	110	75-125	0	20
Iron, Total	0.0195J	1	1.07	107	1.07	107	75-125	0	20
Lead, Total	ND	0.53	0.5444	103	0.5330	100	75-125	2	20
Magnesium, Total	2.10	10	10.7	86	10.7	86	75-125	0	20
Manganese, Total	0.00275	0.5	0.5148	102	0.5206	104	75-125	1	20
Nickel, Total	0.00103J	0.5	0.5373	107	0.5391	108	75-125	0	20
Potassium, Total	2.14	10	11.8	97	11.8	97	75-125	0	20
Selenium, Total	ND	0.12	0.113	94	0.116	97	75-125	3	20
Silver, Total	ND	0.05	0.05356	107	0.05417	108	75-125	1	20
Sodium, Total	7.32	10	15.7	84	14.8	75	75-125	6	20
Thallium, Total	ND	0.12	0.1263	105	0.1218	102	75-125	4	20
Vanadium, Total	ND	0.5	0.5300	106	0.5384	108	75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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): 01-07 QC Batch ID: WG2035085-3 WG2035085-4 QC Sample: L2510548-11 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5173	103	0.5223	104	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 02-07 QC Batch ID: WG2035095-3 WG2035095-4 QC Sample: L2510548-11 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00461	92	0.00482	96	75-125	4	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2035980-3 QC Sample: L2510540-01 Client ID: MW-02									
Mercury, Dissolved	ND	0.005	0.00443	89	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2510540

Report Date: 03/05/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2034960-4 QC Sample: L2510540-01 Client ID: MW-02						
Mercury, Total	ND	ND	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2035980-4 QC Sample: L2510540-01 Client ID: MW-02						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2510540
Report Date: 03/05/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2035084-6 QC Sample: L2510548-11 Client ID: DUP Sample						
Barium, Dissolved	0.05162	0.05046	mg/l	2		20
Calcium, Dissolved	17.5	16.8	mg/l	4		20
Magnesium, Dissolved	2.46	2.36	mg/l	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2035085-6 QC Sample: L2510548-11 Client ID: DUP Sample						
Barium, Total	0.05308	0.05165	mg/l	3		20
Calcium, Total	16.9	14.1	mg/l	17		20
Magnesium, Total	2.10	2.01	mg/l	4		20

INORGANICS
&
MISCELLANEOUS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 13:15
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.005		mg/l	0.005	0.001	1	03/01/25 19:40	03/03/25 12:28	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 11:25
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/01/25 19:40	03/03/25 12:31	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 09:10
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	03/01/25 19:40	03/03/25 12:36	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Sample Depth:
Matrix: Water

Date Collected: 02/26/25 12:15
Date Received: 02/26/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.006		mg/l	0.005	0.001	1	03/01/25 19:40	03/03/25 12:37	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 10:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/01/25 19:40	03/03/25 12:38	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-06
Client ID: FD_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 00:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/01/25 19:40	03/03/25 12:39	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

SAMPLE RESULTS

Lab ID: L2510540-07
Client ID: EB_2024-02-26
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 02/26/25 14:00
Date Received: 02/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/01/25 19:40	03/03/25 12:40	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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: WG2035589-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	03/01/25 19:40	03/03/25 12:21	1,9010C/9012B	JER

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG2035589-2 WG2035589-3								
Cyanide, Total	102		98		85-115	4		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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: WG2035589-4 WG2035589-5 QC Sample: L2510540-01 Client ID: MW-02												
Cyanide, Total	0.005	0.2	0.214	104		0.204	99		80-120	5		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2035589-6 WG2035589-7 QC Sample: L2510540-02 Client ID: MW-15												
Cyanide, Total	ND	0.2	0.214	107		0.217	108		80-120	1		20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

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(*)
L2510540-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-01D	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-01E	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-01F	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L2510540-01G	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2510540-01H	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2510540-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		V-6020S(180),CU-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),NI-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2510540-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2510540-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-02D	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-02E	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-02F	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L2510540-02G	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2510540-02H	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2510540-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),ZN-6020S(180),MG-6020S(180),BE-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),PB-6020S(180),NA-6020S(180),NI-6020S(180),BA-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2510540-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-03D	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-03E	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-03F	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2510540
Report Date: 03/05/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2510540-03G	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2510540-03H	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2510540-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		K-6020S(180),CU-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),NI-6020S(180),BA-6020S(180),TL-6020S(180),PB-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2510540-04A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-04B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-04C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-04D	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-04E	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-04F	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L2510540-04G	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-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),AL-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2510540-04H	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
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Lab Number: L2510540
Report Date: 03/05/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2510540-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		V-6020S(180),SE-6020S(180),K-6020S(180),CU-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),BA-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2510540-05A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-05B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-05C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-05D	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-05E	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-05F	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L2510540-05G	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),K-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2510540-05H	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2510540-05X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		CU-6020S(180),V-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-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),AL-6020S(180),HG-S(28)
L2510540-06A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*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(*)
L2510540-06B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-06C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-06D	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-06E	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-06F	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-
L2510540-06G	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2510540-06H	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2510540-06X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NI-6020S(180),PB-6020S(180),BA-6020S(180),TL-6020S(180),NA-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2510540-07A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-07B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-07C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-07D	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-07E	Amber 100ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2510540-07F	Plastic 250ml unpreserved	A	7	7	3.1	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2510540-07G	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),CD-6020T(180),AL-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2510540-07H	Plastic 250ml NaOH preserved	A	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2510540-07X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.1	Y	Absent		K-6020S(180),V-6020S(180),SE-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),PB-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2510540-08A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2510540-08B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

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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

Report Format: DU Report with 'J' Qualifiers

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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.)

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2510540
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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

Serial_No:03052516:24

NEW YORK CHAIN OF CUSTODY

L2510540 05MAR25
GZA – NYC

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 1 of 1

Date Rec'd in Lab 2/26/25

Project Information
Project Name: 5A 101 E 150th St
Project Location: Bronx, NY
Project # 41.0163097.00
(Use Project name as Project #) ☐
Project Manager: Reinbill Maniquez
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: GZA GeoEnvironmental
Address: 104 W 29th St
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@gza.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Lab to filter for Dissolved TAL Metals

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	8260 TCL VOCs + 10 TICs	8270 TCL SVOCs + 20 TICs	6010C/6020/7471B TAL Metals (Total + Dissolved)	Total Cyanide (9010/9012)	Mercury (7471)	Sample Specific Comments
10540-01	MW-02	2/26/25	13:15	GW	JN	X	X	X	X	X	
02	MW-15		11:25								
03	MW-16		9:10								
04	MW-17		12:15								
05	MW-18		10:00								
06	FD_2024-02-26		-								
07	EB_2024-02-26		14:00	DI water							
08	TB_2024-02-26		-	DI water							

Container Type	V	A	P	P	P				
Preservative	B	A	C	E					

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
Jazlyn Natalie/GZA	2/26/25 14:30	[illegible]	2/26/25 14:30
[illegible]	2/26/25 18:05	Paul Maggela	2/26/25 18:20
Paul Maggela	2/26/25 22:50	[illegible]	2/26/25 22:50

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:	L2469589
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	SA 101 EAST 150TH
Project Number:	41.0163097.00
Report Date:	12/05/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2469589-01	MW-14	WATER	101 EAST 150TH ST., BRONX, NY	11/25/24 13:30	11/25/24
L2469589-02	MW-15	WATER	101 EAST 150TH ST., BRONX, NY	11/25/24 11:05	11/25/24
L2469589-03	MW-16	WATER	101 EAST 150TH ST., BRONX, NY	11/25/24 09:35	11/25/24
L2469589-04	MW-17	WATER	101 EAST 150TH ST., BRONX, NY	11/25/24 12:30	11/25/24
L2469589-05	MW-18	WATER	101 EAST 150TH ST., BRONX, NY	11/25/24 10:30	11/25/24
L2469589-06	FD-01 2024-11-25	WATER	101 EAST 150TH ST., BRONX, NY	11/25/24 00:00	11/25/24
L2469589-07	EB-01 2024-11-25	WATER	101 EAST 150TH ST., BRONX, NY	11/25/24 14:17	11/25/24
L2469589-08	TB-01 2024-11-25	WATER	101 EAST 150TH ST., BRONX, NY	11/25/24 00:00	11/25/24

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2469589
Project Number:	41.0163097.00	**Report Date:**	12/05/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	SA 101 EAST 150TH	**Lab Number:**	L2469589
Project Number:	41.0163097.00	**Report Date:**	12/05/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2469589-01, -02, -03, -04, -05, -06, and -07: Sample containers for the PCBs, Pesticides and Herbicides analyses were received, but not listed on the chain of custody. At the client's request, the analyses were not performed.

Volatile Organics

The WG2005195-6 MS recoveries, performed on L2469589-05, are outside the acceptance criteria for1,2,4-trimethylbenzene (0%) and 1,2,4,5-tetramethylbenzene (0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Semivolatile Organics

The WG2003564-4/5 MS/MSD recoveries, performed on L2469589-05, are below the acceptance criteria for benzoic acid (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Semivolatile Organics by SIM

L2469589-05D: The sample has elevated detection limits due to the dilution required by the sample matrix. The WG2003565-4D MS recovery, performed on L2469589-05, is outside the acceptance criteria for naphthalene (0%). The unacceptable percent recovery is attributed to the elevated concentrations of target compounds present in the native sample.

Dissolved Metals

The WG2004671-3 MS recovery for sodium (46%), performed on L2469589-05, does not apply because the

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Case Narrative (continued)

sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 12/05/24

ORGANICS

VOLATILES

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 D2
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 13:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/04/24 08:52
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	690		ug/l	50	14.	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 D
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 13:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/03/24 19:31
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	ND		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
1,3-Dichloropropene, Total	ND		ug/l	1.2	0.36	2.5
1,1-Dichloropropene	ND		ug/l	6.2	1.8	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	98		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	ND		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	ND		ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 D Date Collected: 11/25/24 13:30

Client ID: MW-14 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	0.42	2.5
p/m-Xylene	34		ug/l	6.2	1.8	2.5
o-Xylene	120		ug/l	6.2	1.8	2.5
Xylenes, Total	150		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethene, Total	ND		ug/l	6.2	1.8	2.5
Dibromomethane	ND		ug/l	12	2.5	2.5
1,2,3-Trichloropropane	ND		ug/l	6.2	1.8	2.5
Acrylonitrile	ND		ug/l	12	3.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	6.2	J	ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
Vinyl acetate	ND		ug/l	12	2.5	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
2,2-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,3-Dichloropropane	ND		ug/l	6.2	1.8	2.5
1,1,1,2-Tetrachloroethane	ND		ug/l	6.2	1.8	2.5
Bromobenzene	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	8.5		ug/l	6.2	1.8	2.5
sec-Butylbenzene	9.9		ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
o-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
p-Chlorotoluene	ND		ug/l	6.2	1.8	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Hexachlorobutadiene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	60		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	2.3	J	ug/l	6.2	1.8	2.5
Naphthalene	32		ug/l	6.2	1.8	2.5

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 D Date Collected: 11/25/24 13:30

Client ID: MW-14 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	99		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	550	E	ug/l	6.2	1.8	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
p-Diethylbenzene	17		ug/l	5.0	1.8	2.5
p-Ethyltoluene	28		ug/l	5.0	1.8	2.5
1,2,4,5-Tetramethylbenzene	41		ug/l	5.0	1.4	2.5
Ethyl ether	ND		ug/l	6.2	1.8	2.5
trans-1,4-Dichloro-2-butene	ND		ug/l	6.2	1.8	2.5
Tentatively Identified Compounds						
Total TIC Compounds	1260	J	ug/l			2.5
Unknown Benzene	73.5	J	ug/l			2.5
Indane	308	NJ	ug/l			2.5
Ethane, 1,1-Difluoro-	66.4	NJ	ug/l			2.5
Unknown Aromatic	49.2	J	ug/l			2.5
Unknown Benzene	85.2	J	ug/l			2.5
Unknown Benzene	247	J	ug/l			2.5
Unknown Aromatic	170	J	ug/l			2.5
Unknown Aromatic	50.0	J	ug/l			2.5
Unknown Aromatic	109	J	ug/l			2.5
Unknown Aromatic	106	J	ug/l			2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	89		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02 D
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 11:05
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/03/24 19:09
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	0.29	2
1,1-Dichloropropene	ND		ug/l	5.0	1.4	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	260		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02 D
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 11:05
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.3		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	0.33	2
p/m-Xylene	37		ug/l	5.0	1.4	2
o-Xylene	18		ug/l	5.0	1.4	2
Xylenes, Total	55		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	4.3	J	ug/l	5.0	1.4	2
1,2-Dichloroethene, Total	4.3	J	ug/l	5.0	1.4	2
Dibromomethane	ND		ug/l	10	2.0	2
1,2,3-Trichloropropane	ND		ug/l	5.0	1.4	2
Acrylonitrile	ND		ug/l	10	3.0	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	6.3	J	ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
Vinyl acetate	ND		ug/l	10	2.0	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
2,2-Dichloropropane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,3-Dichloropropane	ND		ug/l	5.0	1.4	2
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.4	2
Bromobenzene	ND		ug/l	5.0	1.4	2
n-Butylbenzene	8.0		ug/l	5.0	1.4	2
sec-Butylbenzene	10		ug/l	5.0	1.4	2
tert-Butylbenzene	1.7	J	ug/l	5.0	1.4	2
o-Chlorotoluene	ND		ug/l	5.0	1.4	2
p-Chlorotoluene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Hexachlorobutadiene	ND		ug/l	5.0	1.4	2
Isopropylbenzene	76		ug/l	5.0	1.4	2
p-Isopropyltoluene	2.3	J	ug/l	5.0	1.4	2
Naphthalene	180		ug/l	5.0	1.4	2

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02 D Date Collected: 11/25/24 11:05

Client ID: MW-15 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	110		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	3.1	J	ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	16		ug/l	5.0	1.4	2
1,4-Dioxane	ND		ug/l	500	120	2
p-Diethylbenzene	15		ug/l	4.0	1.4	2
p-Ethyltoluene	48		ug/l	4.0	1.4	2
1,2,4,5-Tetramethylbenzene	29		ug/l	4.0	1.1	2
Ethyl ether	ND		ug/l	5.0	1.4	2
trans-1,4-Dichloro-2-butene	ND		ug/l	5.0	1.4	2
Tentatively Identified Compounds						
Total TIC Compounds	943	J	ug/l			2
Unknown Benzene	35.1	J	ug/l			2
Unknown Benzene	186	J	ug/l			2
Indane	277	NJ	ug/l			2
Unknown Aromatic	109	J	ug/l			2
Unknown Aromatic	31.2	J	ug/l			2
Unknown Naphthalene	26.6	J	ug/l			2
Unknown Benzene	48.8	J	ug/l			2
Cyclohexane	29.4	NJ	ug/l			2
Unknown Aromatic	138	J	ug/l			2
Unknown Aromatic	61.9	J	ug/l			2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	90		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 09:35
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/03/24 18:02
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.66		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03 Date Collected: 11/25/24 09:35

Client ID: MW-16 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.25	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	2.8		ug/l	2.5	0.70	1
tert-Butylbenzene	0.70	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03 Date Collected: 11/25/24 09:35

Client ID: MW-16 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	20.7	J	ug/l			1
Unknown	1.42	J	ug/l			1
Unknown Aromatic	2.66	J	ug/l			1
Unknown Aromatic	2.49	J	ug/l			1
Ethane, 1,1-Difluoro-	11.9	NJ	ug/l			1
Unknown Aromatic	2.27	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	96		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 12:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/03/24 17:40
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	1.4	J	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	0.68		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	1.8	J	ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04 Date Collected: 11/25/24 12:30

Client ID: MW-17 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	11		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	4.4		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	4.4		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.4	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	2.8		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	11		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04 Date Collected: 11/25/24 12:30

Client ID: MW-17 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	63.1	J	ug/l			1
Unknown	4.65	J	ug/l			1
Unknown Cycloalkane	4.52	J	ug/l			1
Unknown	5.19	J	ug/l			1
Unknown	4.93	J	ug/l			1
Unknown	3.97	J	ug/l			1
Unknown	3.55	J	ug/l			1
Unknown Aromatic	4.18	J	ug/l			1
Unknown Aromatic	9.02	J	ug/l			1
Unknown Aromatic	17.2	J	ug/l			1
Ethane, 1,1-Difluoro-	5.91	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 10:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/04/24 09:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.61		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	49		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 Date Collected: 11/25/24 10:30

Client ID: MW-18 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	29		ug/l	2.5	0.70	1
o-Xylene	7.1		ug/l	2.5	0.70	1
Xylenes, Total	36		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.81	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.81	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	16		ug/l	2.5	0.70	1
sec-Butylbenzene	10		ug/l	2.5	0.70	1
tert-Butylbenzene	1.3	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	35		ug/l	2.5	0.70	1
p-Isopropyltoluene	4.6		ug/l	2.5	0.70	1
Naphthalene	110		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 Date Collected: 11/25/24 10:30

Client ID: MW-18 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	91		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	250	E	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	21		ug/l	2.0	0.70	1
p-Ethyltoluene	65		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	84		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1030	J	ug/l			1
Unknown Aromatic	38.1	J	ug/l			1
Unknown Benzene	109	J	ug/l			1
Unknown Aromatic	144	J	ug/l			1
Unknown Aromatic	99.0	J	ug/l			1
Unknown Naphthalene	37.1	J	ug/l			1
Unknown Aromatic	127	J	ug/l			1
Unknown Benzene	59.0	J	ug/l			1
Unknown Aromatic	39.7	J	ug/l			1
Unknown Benzene	158	J	ug/l			1
Indane	220	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	98		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 D
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 10:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/03/24 18:47
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	150		ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	92		70-130

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06 D
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/03/24 18:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	5.0	1.4	2
1,1-Dichloroethane	ND		ug/l	5.0	1.4	2
Chloroform	ND		ug/l	5.0	1.4	2
Carbon tetrachloride	ND		ug/l	1.0	0.27	2
1,2-Dichloropropane	ND		ug/l	2.0	0.27	2
Dibromochloromethane	ND		ug/l	1.0	0.30	2
1,1,2-Trichloroethane	ND		ug/l	3.0	1.0	2
Tetrachloroethene	ND		ug/l	1.0	0.36	2
Chlorobenzene	ND		ug/l	5.0	1.4	2
Trichlorofluoromethane	ND		ug/l	5.0	1.4	2
1,2-Dichloroethane	ND		ug/l	1.0	0.26	2
1,1,1-Trichloroethane	ND		ug/l	5.0	1.4	2
Bromodichloromethane	ND		ug/l	1.0	0.38	2
trans-1,3-Dichloropropene	ND		ug/l	1.0	0.33	2
cis-1,3-Dichloropropene	ND		ug/l	1.0	0.29	2
1,3-Dichloropropene, Total	ND		ug/l	1.0	0.29	2
1,1-Dichloropropene	ND		ug/l	5.0	1.4	2
Bromoform	ND		ug/l	4.0	1.3	2
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	0.33	2
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	220		ug/l	5.0	1.4	2
Chloromethane	ND		ug/l	5.0	1.4	2
Bromomethane	ND		ug/l	5.0	1.4	2
Vinyl chloride	ND		ug/l	2.0	0.14	2
Chloroethane	ND		ug/l	5.0	1.4	2
1,1-Dichloroethene	ND		ug/l	1.0	0.34	2
trans-1,2-Dichloroethene	ND		ug/l	5.0	1.4	2

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06 D Date Collected: 11/25/24 00:00

Client ID: FD-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.6		ug/l	1.0	0.35	2
1,2-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,3-Dichlorobenzene	ND		ug/l	5.0	1.4	2
1,4-Dichlorobenzene	ND		ug/l	5.0	1.4	2
Methyl tert butyl ether	ND		ug/l	5.0	0.33	2
p/m-Xylene	31		ug/l	5.0	1.4	2
o-Xylene	15		ug/l	5.0	1.4	2
Xylenes, Total	46		ug/l	5.0	1.4	2
cis-1,2-Dichloroethene	4.3	J	ug/l	5.0	1.4	2
1,2-Dichloroethene, Total	4.3	J	ug/l	5.0	1.4	2
Dibromomethane	ND		ug/l	10	2.0	2
1,2,3-Trichloropropane	ND		ug/l	5.0	1.4	2
Acrylonitrile	ND		ug/l	10	3.0	2
Styrene	ND		ug/l	5.0	1.4	2
Dichlorodifluoromethane	ND		ug/l	10	2.0	2
Acetone	ND		ug/l	10	2.9	2
Carbon disulfide	ND		ug/l	10	2.0	2
2-Butanone	ND		ug/l	10	3.9	2
Vinyl acetate	ND		ug/l	10	2.0	2
4-Methyl-2-pentanone	ND		ug/l	10	2.0	2
2-Hexanone	ND		ug/l	10	2.0	2
Bromochloromethane	ND		ug/l	5.0	1.4	2
2,2-Dichloropropane	ND		ug/l	5.0	1.4	2
1,2-Dibromoethane	ND		ug/l	4.0	1.3	2
1,3-Dichloropropane	ND		ug/l	5.0	1.4	2
1,1,1,2-Tetrachloroethane	ND		ug/l	5.0	1.4	2
Bromobenzene	ND		ug/l	5.0	1.4	2
n-Butylbenzene	5.8		ug/l	5.0	1.4	2
sec-Butylbenzene	7.2		ug/l	5.0	1.4	2
tert-Butylbenzene	ND		ug/l	5.0	1.4	2
o-Chlorotoluene	ND		ug/l	5.0	1.4	2
p-Chlorotoluene	ND		ug/l	5.0	1.4	2
1,2-Dibromo-3-chloropropane	ND		ug/l	5.0	1.4	2
Hexachlorobutadiene	ND		ug/l	5.0	1.4	2
Isopropylbenzene	56		ug/l	5.0	1.4	2
p-Isopropyltoluene	1.7	J	ug/l	5.0	1.4	2
Naphthalene	140		ug/l	5.0	1.4	2

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06 D Date Collected: 11/25/24 00:00

Client ID: FD-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	78		ug/l	5.0	1.4	2
1,2,3-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,2,4-Trichlorobenzene	ND		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	2.3	J	ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	11		ug/l	5.0	1.4	2
1,4-Dioxane	ND		ug/l	500	120	2
p-Diethylbenzene	11		ug/l	4.0	1.4	2
p-Ethyltoluene	35		ug/l	4.0	1.4	2
1,2,4,5-Tetramethylbenzene	22		ug/l	4.0	1.1	2
Ethyl ether	ND		ug/l	5.0	1.4	2
trans-1,4-Dichloro-2-butene	ND		ug/l	5.0	1.4	2
Tentatively Identified Compounds						
Total TIC Compounds	748	J	ug/l			2
Unknown Aromatic	50.4	J	ug/l			2
Unknown	22.9	J	ug/l			2
Unknown Aromatic	88.6	J	ug/l			2
Unknown Aromatic	21.9	J	ug/l			2
Indane	216	NJ	ug/l			2
Unknown Benzene	142	J	ug/l			2
Unknown Benzene	27.3	J	ug/l			2
Unknown Aromatic	112	J	ug/l			2
Unknown Benzene	41.4	J	ug/l			2
Unknown Aromatic	25.3	J	ug/l			2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	92		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07
Client ID: EB-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 14:17
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/03/24 17:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07 Date Collected: 11/25/24 14:17

Client ID: EB-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07 Date Collected: 11/25/24 14:17

Client ID: EB-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	98		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-08
Client ID: TB-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/03/24 16:55
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-08 Date Collected: 11/25/24 00:00

Client ID: TB-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-08 Date Collected: 11/25/24 00:00

Client ID: TB-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	99		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/03/24 11:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2005052-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/03/24 11:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2005052-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/03/24 11:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2005052-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/03/24 11:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2005052-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/04/24 08:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG2005195-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/04/24 08:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG2005195-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/04/24 08:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG2005195-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/04/24 08:28
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05 Batch: WG2005195-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2005052-3 WG2005052-4								
Methylene chloride	98		91		70-130	7		20
1,1-Dichloroethane	92		87		70-130	6		20
Chloroform	94		88		70-130	7		20
Carbon tetrachloride	88		86		63-132	2		20
1,2-Dichloropropane	91		87		70-130	4		20
Dibromochloromethane	92		90		63-130	2		20
1,1,2-Trichloroethane	97		94		70-130	3		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		96		75-130	4		20
Trichlorofluoromethane	84		84		62-150	0		20
1,2-Dichloroethane	82		80		70-130	2		20
1,1,1-Trichloroethane	90		88		67-130	2		20
Bromodichloromethane	88		86		67-130	2		20
trans-1,3-Dichloropropene	85		83		70-130	2		20
cis-1,3-Dichloropropene	90		89		70-130	1		20
1,1-Dichloropropene	91		87		70-130	4		20
Bromoform	85		85		54-136	0		20
1,1,2,2-Tetrachloroethane	95		95		67-130	0		20
Benzene	100		96		70-130	4		20
Toluene	100		97		70-130	3		20
Ethylbenzene	100		96		70-130	4		20
Chloromethane	97		92		64-130	5		20
Bromomethane	110		100		39-139	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2005052-3 WG2005052-4								
Vinyl chloride	96		93		55-140	3		20
Chloroethane	100		95		55-138	5		20
1,1-Dichloroethene	100		93		61-145	7		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	98		95		70-130	3		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	85		82		63-130	4		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Dibromomethane	92		91		70-130	1		20
1,2,3-Trichloropropane	87		86		64-130	1		20
Acrylonitrile	90		86		70-130	5		20
Styrene	105		95		70-130	10		20
Dichlorodifluoromethane	82		80		36-147	2		20
Acetone	90		88		58-148	2		20
Carbon disulfide	96		85		51-130	12		20
2-Butanone	93		100		63-138	7		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	71		74		59-130	4		20
2-Hexanone	81		83		57-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2005052-3 WG2005052-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	92		87		63-133	6		20
1,2-Dibromoethane	93		90		70-130	3		20
1,3-Dichloropropane	88		86		70-130	2		20
1,1,1,2-Tetrachloroethane	96		91		64-130	5		20
Bromobenzene	100		99		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		99		70-130	1		20
p-Chlorotoluene	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	84		86		41-144	2		20
Hexachlorobutadiene	90		90		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	91		94		70-130	3		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	94		94		70-130	0		20
1,2,4-Trichlorobenzene	95		95		70-130	0		20
1,3,5-Trimethylbenzene	100		99		64-130	1		20
1,2,4-Trimethylbenzene	100		98		70-130	2		20
1,4-Dioxane	68		58		56-162	16		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2005052-3 WG2005052-4								
p-Ethyltoluene	100		99		70-130	1		20
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		20
Ethyl ether	95		92		59-134	3		20
trans-1,4-Dichloro-2-butene	90		90		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	79		80		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	92		92		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG2005195-3 WG2005195-4								
Methylene chloride	94		93		70-130	1		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	92		92		70-130	0		20
Carbon tetrachloride	89		83		63-132	7		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	89		92		63-130	3		20
1,1,2-Trichloroethane	96		97		70-130	1		20
Tetrachloroethene	87		88		70-130	1		20
Chlorobenzene	91		91		75-130	0		20
Trichlorofluoromethane	93		88		62-150	6		20
1,2-Dichloroethane	95		99		70-130	4		20
1,1,1-Trichloroethane	90		87		67-130	3		20
Bromodichloromethane	94		95		67-130	1		20
trans-1,3-Dichloropropene	96		98		70-130	2		20
cis-1,3-Dichloropropene	93		92		70-130	1		20
1,1-Dichloropropene	92		90		70-130	2		20
Bromoform	85		84		54-136	1		20
1,1,2,2-Tetrachloroethane	92		96		67-130	4		20
Benzene	95		95		70-130	0		20
Toluene	94		94		70-130	0		20
Ethylbenzene	92		92		70-130	0		20
Chloromethane	98		94		64-130	4		20
Bromomethane	72		71		39-139	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG2005195-3 WG2005195-4								
Vinyl chloride	100		97		55-140	3		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		95		61-145	5		20
trans-1,2-Dichloroethene	92		87		70-130	6		20
Trichloroethene	96		88		70-130	9		20
1,2-Dichlorobenzene	89		90		70-130	1		20
1,3-Dichlorobenzene	91		91		70-130	0		20
1,4-Dichlorobenzene	91		92		70-130	1		20
Methyl tert butyl ether	88		84		63-130	5		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	96		92		70-130	4		20
Dibromomethane	90		90		70-130	0		20
1,2,3-Trichloropropane	89		96		64-130	8		20
Acrylonitrile	98		100		70-130	2		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	86		83		36-147	4		20
Acetone	90		87		58-148	3		20
Carbon disulfide	100		95		51-130	5		20
2-Butanone	100		120		63-138	18		20
Vinyl acetate	90		95		70-130	5		20
4-Methyl-2-pentanone	89		91		59-130	2		20
2-Hexanone	79		85		57-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG2005195-3 WG2005195-4								
Bromochloromethane	90		93		70-130	3		20
2,2-Dichloropropane	90		88		63-133	2		20
1,2-Dibromoethane	88		89		70-130	1		20
1,3-Dichloropropane	94		96		70-130	2		20
1,1,1,2-Tetrachloroethane	93		95		64-130	2		20
Bromobenzene	90		89		70-130	1		20
n-Butylbenzene	95		96		53-136	1		20
sec-Butylbenzene	91		92		70-130	1		20
tert-Butylbenzene	88		89		70-130	1		20
o-Chlorotoluene	95		94		70-130	1		20
p-Chlorotoluene	96		96		70-130	0		20
1,2-Dibromo-3-chloropropane	78		82		41-144	5		20
Hexachlorobutadiene	84		84		63-130	0		20
Isopropylbenzene	90		90		70-130	0		20
p-Isopropyltoluene	90		90		70-130	0		20
Naphthalene	78		82		70-130	5		20
n-Propylbenzene	95		95		69-130	0		20
1,2,3-Trichlorobenzene	80		85		70-130	6		20
1,2,4-Trichlorobenzene	83		86		70-130	4		20
1,3,5-Trimethylbenzene	95		95		64-130	0		20
1,2,4-Trimethylbenzene	94		95		70-130	1		20
1,4-Dioxane	96		98		56-162	2		20
p-Diethylbenzene	90		89		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 Batch: WG2005195-3 WG2005195-4								
p-Ethyltoluene	95		95		70-130	0		20
1,2,4,5-Tetramethylbenzene	85		86		70-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	97		100		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		110		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	104		102		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 QC Batch ID: WG2005195-6 WG2005195-7 QC Sample: L2469589-05 Client ID: MW-18												
Methylene chloride	ND	10	10	100		11	110		70-130	10		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	ND	10	10	100		10	100		70-130	0		20
Carbon tetrachloride	ND	10	11	110		11	110		63-132	0		20
1,2-Dichloropropane	ND	10	11	110		12	120		70-130	9		20
Dibromochloromethane	ND	10	9.7	97		10	100		63-130	3		20
1,1,2-Trichloroethane	ND	10	34	**340**	Q	36	**360**	Q	70-130	6		20
Tetrachloroethene	0.61	10	11	104		11	104		70-130	0		20
Chlorobenzene	ND	10	10	100		11	110		75-130	10		20
Trichlorofluoromethane	ND	10	12	120		12	120		62-150	0		20
1,2-Dichloroethane	ND	10	10	100		11	110		70-130	10		20
1,1,1-Trichloroethane	ND	10	11	110		11	110		67-130	0		20
Bromodichloromethane	ND	10	10	100		10	100		67-130	0		20
trans-1,3-Dichloropropene	ND	10	11	110		11	110		70-130	0		20
cis-1,3-Dichloropropene	ND	10	10	100		10	100		70-130	0		20
1,1-Dichloropropene	ND	10	11	110		12	120		70-130	9		20
Bromoform	ND	10	8.9	89		10	100		54-136	12		20
1,1,2,2-Tetrachloroethane	ND	10	9.9	99		11	110		67-130	11		20
Benzene	ND	10	10	100		11	110		70-130	10		20
Toluene	ND	10	11	110		11	110		70-130	0		20
Ethylbenzene	49	10	58	90		63	**140**	Q	70-130	8		20
Chloromethane	ND	10	10	100		10	100		64-130	0		20
Bromomethane	ND	10	5.3	53		6.6	66		39-139	**22**	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 QC Batch ID: WG2005195-6 WG2005195-7 QC Sample: L2469589-05 Client ID: MW-18												
Vinyl chloride	ND	10	12	120		13	130		55-140	8		20
Chloroethane	ND	10	13	130		13	130		55-138	0		20
1,1-Dichloroethene	ND	10	9.8	98		12	120		61-145	20		20
trans-1,2-Dichloroethene	ND	10	10	100		11	110		70-130	10		20
Trichloroethene	2.2	10	13	108		13	108		70-130	0		20
1,2-Dichlorobenzene	ND	10	9.9	99		11	110		70-130	11		20
1,3-Dichlorobenzene	ND	10	9.8	98		11	110		70-130	12		20
1,4-Dichlorobenzene	ND	10	9.9	99		11	110		70-130	11		20
Methyl tert butyl ether	ND	10	10	100		11	110		63-130	10		20
p/m-Xylene	29	20	50	105		52	115		70-130	4		20
o-Xylene	7.1	20	27	100		28	105		70-130	4		20
cis-1,2-Dichloroethene	0.81J	10	11	110		12	120		70-130	9		20
Dibromomethane	ND	10	10	100		10	100		70-130	0		20
1,2,3-Trichloropropane	ND	10	10	100		12	120		64-130	18		20
Acrylonitrile	ND	10	14	**140**	Q	15	**150**	Q	70-130	7		20
Styrene	ND	20	20	100		21	105		70-130	5		20
Dichlorodifluoromethane	ND	10	11	110		12	120		36-147	9		20
Acetone	2.7J	10	14	140		15	**150**	Q	58-148	7		20
Carbon disulfide	ND	10	11	110		12	120		51-130	9		20
2-Butanone	ND	10	26	**260**	Q	27	**270**	Q	63-138	4		20
Vinyl acetate	ND	10	9.9	99		11	110		70-130	11		20
4-Methyl-2-pentanone	ND	10	11	110		12	120		59-130	9		20
2-Hexanone	ND	10	11	110		13	130		57-130	17		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 QC Batch ID: WG2005195-6 WG2005195-7 QC Sample: L2469589-05 Client ID: MW-18												
Bromochloromethane	ND	10	9.4	94		10	100		70-130	6		20
2,2-Dichloropropane	ND	10	11	110		11	110		63-133	0		20
1,2-Dibromoethane	ND	10	10	100		10	100		70-130	0		20
1,3-Dichloropropane	ND	10	11	110		11	110		70-130	0		20
1,1,1,2-Tetrachloroethane	ND	10	10	100		11	110		64-130	10		20
Bromobenzene	ND	10	10	100		10	100		70-130	0		20
n-Butylbenzene	16	10	25	90		28	120		53-136	11		20
sec-Butylbenzene	10	10	20	100		23	130		70-130	14		20
tert-Butylbenzene	1.3J	10	11	110		13	130		70-130	17		20
o-Chlorotoluene	ND	10	9.6	96		11	110		70-130	14		20
p-Chlorotoluene	ND	10	11	110		11	110		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	9.4	94		11	110		41-144	16		20
Hexachlorobutadiene	ND	10	9.8	98		10	100		63-130	2		20
Isopropylbenzene	35	10	45	100		49	**140**	Q	70-130	9		20
p-Isopropyltoluene	4.6	10	15	104		16	114		70-130	6		20
Naphthalene	110	10	120	100		140	**300**	Q	70-130	15		20
n-Propylbenzene	91	10	98	70		110	**190**	Q	69-130	12		20
1,2,3-Trichlorobenzene	ND	10	9.5	95		10	100		70-130	5		20
1,2,4-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
1,3,5-Trimethylbenzene	ND	10	11	110		12	120		64-130	9		20
1,2,4-Trimethylbenzene	250E	10	230E	**0**	Q	260E	100		70-130	12		20
1,4-Dioxane	ND	500	540	108		640	128		56-162	17		20
p-Diethylbenzene	21	10	30	90		35	**140**	Q	70-130	15		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05 QC Batch ID: WG2005195-6 WG2005195-7 QC Sample: L2469589-05 Client ID: MW-18												
p-Ethyltoluene	65	10	73	80		80	**150**	Q	70-130	9		20
1,2,4,5-Tetramethylbenzene	84	10	84	**0**	Q	100	**160**	Q	70-130	17		20
Ethyl ether	ND	10	12	120		13	130		59-134	8		20
trans-1,4-Dichloro-2-butene	ND	10	10	100		11	110		70-130	10		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		109		70-130
4-Bromofluorobenzene	108		110		70-130
Dibromofluoromethane	99		100		70-130
Toluene-d8	109		109		70-130

SEMIVOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 13:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/01/24 19:03
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 Date Collected: 11/25/24 13:30

Client ID: MW-14 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 13:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	1140	J	ug/l			1
Unknown	39.1	J	ug/l			1
Unknown Benzene	26.2	J	ug/l			1
Unknown Benzene	28.1	J	ug/l			1
Unknown Benzene	80.7	J	ug/l			1
Unknown Benzene	21.0	J	ug/l			1
Indane	162	NJ	ug/l			1
Unknown	21.3	J	ug/l			1
Unknown Benzene	145	J	ug/l			1
Unknown Benzene	16.8	J	ug/l			1
Unknown Benzene	37.9	J	ug/l			1
Unknown	35.9	J	ug/l			1
Unknown Benzene	21.4	J	ug/l			1
Unknown Benzene	19.2	J	ug/l			1
Benzene, Propyl-	18.9	NJ	ug/l			1
Unknown Benzene	17.3	J	ug/l			1
Unknown Benzene	76.2	J	ug/l			1
Unknown	11.3	J	ug/l			1
Unknown	20.9	J	ug/l			1
Unknown Benzene	312	J	ug/l			1
Unknown Alcohol	24.4	J	ug/l			1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 Date Collected: 11/25/24 13:30

Client ID: MW-14 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, 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	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	84		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 13:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/01/24 11:11
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.09	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.15		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	3.4		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.06	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.16		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 Date Collected: 11/25/24 13:30

Client ID: MW-14 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	116		10-120
4-Terphenyl-d14	113		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 11:05
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/03/24 19:13
Analyst: HNY

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 11:05
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 11:05
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	684	J	ug/l			1
Unknown	14.5	J	ug/l			1
Unknown	16.3	J	ug/l			1
Unknown	16.9	J	ug/l			1
Unknown Benzene	11.3	J	ug/l			1
Unknown Benzene	31.7	J	ug/l			1
Unknown Benzene	17.7	J	ug/l			1
Unknown	14.2	J	ug/l			1
Unknown	20.6	J	ug/l			1
Unknown	23.0	J	ug/l			1
Unknown Benzene	16.7	J	ug/l			1
Unknown Benzene	18.7	J	ug/l			1
Indane	123	NJ	ug/l			1
Unknown Benzene	129	J	ug/l			1
Unknown	16.4	J	ug/l			1
Unknown Benzene	89.4	J	ug/l			1
Benzene, Propyl-	41.5	NJ	ug/l			1
Unknown	19.0	J	ug/l			1
Unknown Benzene	17.6	J	ug/l			1
Unknown Benzene	16.9	J	ug/l			1
Unknown Benzene	30.0	J	ug/l			1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02 Date Collected: 11/25/24 11:05

Client ID: MW-15 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, 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	48		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	101		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02 D
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 11:05
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/02/24 13:51
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10	J	ug/l	0.20	0.05	2
2-Chloronaphthalene	ND		ug/l	0.40	0.05	2
Fluoranthene	ND		ug/l	0.20	0.05	2
Hexachlorobutadiene	ND		ug/l	1.0	0.04	2
Naphthalene	80		ug/l	0.20	0.05	2
Benzo(a)anthracene	ND		ug/l	0.20	0.06	2
Benzo(a)pyrene	ND		ug/l	0.20	0.05	2
Benzo(b)fluoranthene	ND		ug/l	0.20	0.05	2
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	2
Chrysene	ND		ug/l	0.20	0.06	2
Acenaphthylene	ND		ug/l	0.20	0.04	2
Anthracene	ND		ug/l	0.20	0.05	2
Benzo(ghi)perylene	ND		ug/l	0.20	0.05	2
Fluorene	0.07	J	ug/l	0.20	0.05	2
Phenanthrene	ND		ug/l	0.20	0.08	2
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.05	2
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	2
Pyrene	ND		ug/l	0.20	0.09	2
2-Methylnaphthalene	0.20		ug/l	0.20	0.06	2
Pentachlorophenol	ND		ug/l	1.6	0.11	2
Hexachlorobenzene	ND		ug/l	1.6	0.03	2
Hexachloroethane	ND		ug/l	1.6	0.05	2

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02 D Date Collected: 11/25/24 11:05

Client ID: MW-15 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	105		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 09:35
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/01/24 19:50
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03 Date Collected: 11/25/24 09:35

Client ID: MW-16 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	73.0	J	ug/l			1
Unknown	7.20	J	ug/l			1
Unknown	8.40	J	ug/l			1
Unknown	9.50	J	ug/l			1
Unknown	11.3	J	ug/l			1
Unknown	4.90	J	ug/l			1
Unknown	5.70	J	ug/l			1
Unknown Alcohol	5.70	J	ug/l			1
Unknown	10.7	J	ug/l			1
Unknown	4.80	J	ug/l			1
Unknown	4.80	J	ug/l			1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03 Date Collected: 11/25/24 09:35

Client ID: MW-16 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, 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	30		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	45		10-120
4-Terphenyl-d14	74		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 09:35
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/01/24 11:43
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.32		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03 Date Collected: 11/25/24 09:35

Client ID: MW-16 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	91		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 12:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/01/24 20:15
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04 Date Collected: 11/25/24 12:30

Client ID: MW-17 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	16.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds				
Total TIC Compounds	72.7	J	ug/l	1
Unknown	10.5	J	ug/l	1
Unknown	4.70	J	ug/l	1
Unknown	10.1	J	ug/l	1
Unknown	5.00	J	ug/l	1
Unknown	8.90	J	ug/l	1
Unknown	9.50	J	ug/l	1
Unknown	6.70	J	ug/l	1
Unknown	11.3	J	ug/l	1
Unknown	6.00	J	ug/l	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04 Date Collected: 11/25/24 12:30

Client ID: MW-17 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, 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	35		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	82		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 12:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/01/24 12:00
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.16		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04 Date Collected: 11/25/24 12:30

Client ID: MW-17 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	104		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 10:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/02/24 17:33
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	0.61	J	ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 Date Collected: 11/25/24 10:30

Client ID: MW-18 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 10:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	1070	J	ug/l			1
Unknown	65.8	J	ug/l			1
Unknown Benzene	22.9	J	ug/l			1
Unknown	27.5	J	ug/l			1
Unknown Benzene	79.2	J	ug/l			1
Unknown Benzene	24.6	J	ug/l			1
Unknown Benzene	47.2	J	ug/l			1
Unknown Benzene	50.3	J	ug/l			1
Unknown Benzene	60.3	J	ug/l			1
Unknown Benzene	38.3	J	ug/l			1
Unknown Benzene	32.5	J	ug/l			1
Unknown Benzene	51.8	J	ug/l			1
Unknown Naphthalene	26.0	J	ug/l			1
Naphthalene, 1-methyl-	38.6	NJ	ug/l			1
Unknown	20.0	J	ug/l			1
Indane	136	NJ	ug/l			1
Unknown	62.6	J	ug/l			1
Unknown Benzene	33.1	J	ug/l			1
Unknown Benzene	19.6	J	ug/l			1
Benzene, Propyl-	55.3	NJ	ug/l			1
Unknown Benzene	183	J	ug/l			1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 Date Collected: 11/25/24 10:30

Client ID: MW-18 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, 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	45		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	91		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 D
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 10:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/04/24 11:46
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.50	0.12	5
2-Chloronaphthalene	ND		ug/l	1.0	0.11	5
Fluoranthene	ND		ug/l	0.50	0.14	5
Hexachlorobutadiene	ND		ug/l	2.5	0.10	5
Naphthalene	87		ug/l	0.50	0.12	5
Benzo(a)anthracene	ND		ug/l	0.50	0.15	5
Benzo(a)pyrene	ND		ug/l	0.50	0.12	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.14	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.17	5
Chrysene	ND		ug/l	0.50	0.16	5
Acenaphthylene	ND		ug/l	0.50	0.10	5
Anthracene	ND		ug/l	0.50	0.12	5
Benzo(ghi)perylene	ND		ug/l	0.50	0.12	5
Fluorene	ND		ug/l	0.50	0.13	5
Phenanthrene	ND		ug/l	0.50	0.20	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.12	5
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.11	5
Pyrene	ND		ug/l	0.50	0.21	5
2-Methylnaphthalene	ND		ug/l	0.50	0.14	5
Pentachlorophenol	ND		ug/l	4.0	0.28	5
Hexachlorobenzene	ND		ug/l	4.0	0.07	5
Hexachloroethane	ND		ug/l	4.0	0.11	5

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 D Date Collected: 11/25/24 10:30

Client ID: MW-18 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	95		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	106		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/01/24 20:39
Analyst: JG
Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	0.40	J	ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	781	J	ug/l			1
Unknown	16.6	J	ug/l			1
Unknown	14.8	J	ug/l			1
Unknown Benzene	20.7	J	ug/l			1
Unknown Benzene	27.0	J	ug/l			1
Unknown	19.0	J	ug/l			1
Unknown Benzene	22.4	J	ug/l			1
Unknown Benzene	25.8	J	ug/l			1
Unknown Benzene	108	J	ug/l			1
Indane	153	NJ	ug/l			1
Unknown	30.9	J	ug/l			1
Unknown Benzene	24.3	J	ug/l			1
Unknown Naphthalene	14.5	J	ug/l			1
Unknown Benzene	37.2	J	ug/l			1
Unknown Benzene	119	J	ug/l			1
Unknown	63.3	J	ug/l			1
Unknown Benzene	10.5	J	ug/l			1
Benzene, Propyl-	29.1	NJ	ug/l			1
Unknown	19.2	J	ug/l			1
Unknown	12.6	J	ug/l			1
Unknown	12.6	J	ug/l			1

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 00:00
Date Received: 11/25/24
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	45		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	80		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06 D
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/02/24 14:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.50	0.12	5
2-Chloronaphthalene	ND		ug/l	1.0	0.11	5
Fluoranthene	ND		ug/l	0.50	0.14	5
Hexachlorobutadiene	ND		ug/l	2.5	0.10	5
Naphthalene	110		ug/l	0.50	0.12	5
Benzo(a)anthracene	ND		ug/l	0.50	0.15	5
Benzo(a)pyrene	ND		ug/l	0.50	0.12	5
Benzo(b)fluoranthene	ND		ug/l	0.50	0.14	5
Benzo(k)fluoranthene	ND		ug/l	0.50	0.17	5
Chrysene	ND		ug/l	0.50	0.16	5
Acenaphthylene	ND		ug/l	0.50	0.10	5
Anthracene	ND		ug/l	0.50	0.12	5
Benzo(ghi)perylene	ND		ug/l	0.50	0.12	5
Fluorene	ND		ug/l	0.50	0.13	5
Phenanthrene	ND		ug/l	0.50	0.20	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.12	5
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.11	5
Pyrene	ND		ug/l	0.50	0.21	5
2-Methylnaphthalene	ND		ug/l	0.50	0.14	5
Pentachlorophenol	ND		ug/l	4.0	0.28	5
Hexachlorobenzene	ND		ug/l	4.0	0.07	5
Hexachloroethane	ND		ug/l	4.0	0.11	5

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06 D
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	99		10-120
4-Terphenyl-d14	113		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07
Client ID: EB-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 14:17
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/01/24 21:02
Analyst: JG
Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07 Date Collected: 11/25/24 14:17

Client ID: EB-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	14.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	27.7	J	ug/l			1
Unknown	4.20	J	ug/l			1
Unknown	4.60	J	ug/l			1
Unknown	9.90	J	ug/l			1
Unknown	9.00	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	81		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07
Client ID: EB-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 14:17
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/01/24 13:21
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07
Client ID: EB-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 14:17
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	106		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/02/24 15:57
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2003564-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/02/24 15:57
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2003564-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/02/24 15:57
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2003564-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	33.7	J	ug/l
Unknown	4.70	J	ug/l
Unknown	9.60	J	ug/l
Unknown	9.90	J	ug/l
Unknown	4.80	J	ug/l

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/02/24 15:57
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG2003564-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	91		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/01/24 10:55
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-07 Batch: WG2003565-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.04	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/01/24 10:55
Analyst: KMH

Extraction Method: EPA 3510C
Extraction Date: 11/30/24 09:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-07 Batch: WG2003565-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	107		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

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: WG2003564-2 WG2003564-3								
Acenaphthene	76		73		37-111	4		30
1,2,4-Trichlorobenzene	66		67		39-98	2		30
Hexachlorobenzene	88		84		40-140	5		30
Bis(2-chloroethyl)ether	70		68		40-140	3		30
2-Chloronaphthalene	73		73		40-140	0		30
1,2-Dichlorobenzene	61		62		40-140	2		30
1,3-Dichlorobenzene	59		58		40-140	2		30
1,4-Dichlorobenzene	61		60		36-97	2		30
3,3'-Dichlorobenzidine	70		68		40-140	3		30
2,4-Dinitrotoluene	91		78		48-143	15		30
2,6-Dinitrotoluene	93		83		40-140	11		30
Fluoranthene	87		78		40-140	11		30
4-Chlorophenyl phenyl ether	82		78		40-140	5		30
4-Bromophenyl phenyl ether	86		81		40-140	6		30
Bis(2-chloroisopropyl)ether	51		48		40-140	6		30
Bis(2-chloroethoxy)methane	79		76		40-140	4		30
Hexachlorobutadiene	62		65		40-140	5		30
Hexachlorocyclopentadiene	**39**	Q	40		40-140	3		30
Hexachloroethane	60		59		40-140	2		30
Isophorone	77		74		40-140	4		30
Naphthalene	68		66		40-140	3		30
Nitrobenzene	69		69		40-140	0		30
NDPA/DPA	83		78		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

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: WG2003564-2 WG2003564-3								
n-Nitrosodi-n-propylamine	73		73		29-132	0		30
Bis(2-ethylhexyl)phthalate	93		82		40-140	13		30
Butyl benzyl phthalate	98		86		40-140	13		30
Di-n-butylphthalate	88		79		40-140	11		30
Di-n-octylphthalate	94		87		40-140	8		30
Diethyl phthalate	88		83		40-140	6		30
Dimethyl phthalate	91		84		40-140	8		30
Benzo(a)anthracene	83		78		40-140	6		30
Benzo(a)pyrene	90		84		40-140	7		30
Benzo(b)fluoranthene	85		79		40-140	7		30
Benzo(k)fluoranthene	89		85		40-140	5		30
Chrysene	83		76		40-140	9		30
Acenaphthylene	76		70		45-123	8		30
Anthracene	83		75		40-140	10		30
Benzo(ghi)perylene	88		83		40-140	6		30
Fluorene	81		77		40-140	5		30
Phenanthrene	82		75		40-140	9		30
Dibenzo(a,h)anthracene	88		82		40-140	7		30
Indeno(1,2,3-cd)pyrene	84		82		40-140	2		30
Pyrene	88		79		26-127	11		30
Biphenyl	82		81		40-140	1		30
4-Chloroaniline	42		**31**	Q	40-140	30		30
2-Nitroaniline	91		83		52-143	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

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: WG2003564-2 WG2003564-3								
3-Nitroaniline	78		75		25-145	4		30
4-Nitroaniline	88		81		51-143	8		30
Dibenzofuran	78		76		40-140	3		30
2-Methylnaphthalene	69		70		40-140	1		30
1,2,4,5-Tetrachlorobenzene	78		79		2-134	1		30
Acetophenone	88		85		39-129	3		30
2,4,6-Trichlorophenol	80		77		30-130	4		30
p-Chloro-m-cresol	83		78		23-97	6		30
2-Chlorophenol	73		71		27-123	3		30
2,4-Dichlorophenol	78		79		30-130	1		30
2,4-Dimethylphenol	**27**	Q	42		30-130	**43**	Q	30
2-Nitrophenol	80		78		30-130	3		30
4-Nitrophenol	64		62		10-80	3		30
2,4-Dinitrophenol	119		114		20-130	4		30
4,6-Dinitro-o-cresol	94		86		20-164	9		30
Pentachlorophenol	82		81		9-103	1		30
Phenol	40		42		12-110	5		30
2-Methylphenol	63		65		30-130	3		30
3-Methylphenol/4-Methylphenol	64		66		30-130	3		30
2,4,5-Trichlorophenol	86		77		30-130	11		30
Benzoic Acid	68		73		10-164	7		30
Benzyl Alcohol	72		76		26-116	5		30
Carbazole	85		77		55-144	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

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: WG2003564-2 WG2003564-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		50		21-120
Phenol-d6	39		39		10-120
Nitrobenzene-d5	74		74		23-120
2-Fluorobiphenyl	75		72		15-120
2,4,6-Tribromophenol	91		85		10-120
4-Terphenyl-d14	92		82		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 Batch: WG2003565-2 WG2003565-3								
Acenaphthene	87		87		40-140	0		40
2-Chloronaphthalene	76		76		40-140	0		40
Fluoranthene	108		103		40-140	5		40
Hexachlorobutadiene	62		65		40-140	5		40
Naphthalene	73		73		40-140	0		40
Benzo(a)anthracene	108		102		40-140	6		40
Benzo(a)pyrene	110		107		40-140	3		40
Benzo(b)fluoranthene	106		105		40-140	1		40
Benzo(k)fluoranthene	112		103		40-140	8		40
Chrysene	112		110		40-140	2		40
Acenaphthylene	84		78		40-140	7		40
Anthracene	102		97		40-140	5		40
Benzo(ghi)perylene	102		98		40-140	4		40
Fluorene	97		94		40-140	3		40
Phenanthrene	104		100		40-140	4		40
Dibenzo(a,h)anthracene	104		99		40-140	5		40
Indeno(1,2,3-cd)pyrene	109		104		40-140	5		40
Pyrene	109		104		40-140	5		40
2-Methylnaphthalene	74		75		40-140	1		40
Pentachlorophenol	114		114		40-140	0		40
Hexachlorobenzene	103		100		40-140	3		40
Hexachloroethane	63		65		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 Batch: WG2003565-2 WG2003565-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		61		21-120
Phenol-d6	47		48		10-120
Nitrobenzene-d5	87		85		23-120
2-Fluorobiphenyl	76		74		15-120
2,4,6-Tribromophenol	120		116		10-120
4-Terphenyl-d14	101		97		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2003564-4 WG2003564-5 QC Sample: L2469589-05 Client ID: MW-18												
1,2,4-Trichlorobenzene	ND	20	15	75		18	90		39-98	18		30
Bis(2-chloroethyl)ether	ND	20	15	75		18	90		40-140	18		30
1,2-Dichlorobenzene	ND	20	15	75		17	85		40-140	13		30
1,3-Dichlorobenzene	ND	20	14	70		16	80		40-140	13		30
1,4-Dichlorobenzene	ND	20	14	70		17	85		36-97	19		30
3,3'-Dichlorobenzidine	ND	20	11	55		10	50		40-140	10		30
2,4-Dinitrotoluene	ND	20	18	90		24	120		48-143	29		30
2,6-Dinitrotoluene	ND	20	18	90		23	120		40-140	24		30
4-Chlorophenyl phenyl ether	ND	20	17	85		20	100		40-140	16		30
4-Bromophenyl phenyl ether	ND	20	18	90		22	110		40-140	20		30
Bis(2-chloroisopropyl)ether	ND	20	11	55		13	65		40-140	17		30
Bis(2-chloroethoxy)methane	ND	20	16	80		20	100		40-140	22		30
Hexachlorocyclopentadiene	ND	20	9.6J	48		11.J	55		40-140	14		30
Isophorone	ND	20	16	80		20	100		40-140	22		30
Nitrobenzene	ND	20	35	**180**	Q	46	**230**	Q	40-140	27		30
NDPA/DPA	ND	20	16	80		21	110		40-140	27		30
n-Nitrosodi-n-propylamine	ND	20	15	75		19	95		29-132	24		30
Bis(2-ethylhexyl)phthalate	ND	20	18	90		23	120		40-140	24		30
Butyl benzyl phthalate	ND	20	19	95		24	120		40-140	23		30
Di-n-butylphthalate	ND	20	18	90		22	110		40-140	20		30
Di-n-octylphthalate	ND	20	18	90		24	120		40-140	29		30
Diethyl phthalate	ND	20	18	90		23	120		40-140	24		30
Dimethyl phthalate	ND	20	18	90		22	110		40-140	20		30

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2003564-4 WG2003564-5 QC Sample: L2469589-05 Client ID: MW-18												
Biphenyl	0.61J	20	18	90		21	110		40-140	15		30
4-Chloroaniline	ND	20	12	60		7.2	**36**	Q	40-140	**50**	Q	30
2-Nitroaniline	ND	20	19	95		23	120		52-143	19		30
3-Nitroaniline	ND	20	16	80		20	100		25-145	22		30
4-Nitroaniline	ND	20	17	85		21	110		51-143	21		30
Dibenzofuran	ND	20	16	80		20	100		40-140	22		30
1,2,4,5-Tetrachlorobenzene	ND	20	17	85		20	100		2-134	16		30
Acetophenone	ND	20	38	**190**	Q	51	**260**	Q	39-129	29		30
2,4,6-Trichlorophenol	ND	20	16	80		20	100		30-130	22		30
p-Chloro-m-cresol	ND	20	17	85		20	**100**	Q	23-97	16		30
2-Chlorophenol	ND	20	15	75		19	95		27-123	24		30
2,4-Dichlorophenol	ND	20	17	85		20	100		30-130	16		30
2,4-Dimethylphenol	ND	20	4.3J	**22**	Q	2.9J	**15**	Q	30-130	**39**	Q	30
2-Nitrophenol	ND	20	16	80		21	110		30-130	27		30
4-Nitrophenol	ND	20	11	55		14	70		10-80	24		30
2,4-Dinitrophenol	ND	20	25	130		29	**150**	Q	20-130	15		30
4,6-Dinitro-o-cresol	ND	20	18	90		23	120		20-164	24		30
Phenol	ND	20	8.2	41		11	55		12-110	29		30
2-Methylphenol	ND	20	12	60		14	70		30-130	15		30
3-Methylphenol/4-Methylphenol	ND	20	13	65		15	75		30-130	14		30
2,4,5-Trichlorophenol	ND	20	17	85		21	110		30-130	21		30
Benzoic Acid	ND	20	ND	**0**	Q	ND	**0**	Q	10-164	NC		30
Benzyl Alcohol	ND	20	16	80		20	100		26-116	22		30

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2003564-4 WG2003564-5 QC Sample: L2469589-05 Client ID: MW-18												
Carbazole	ND	20	17	85		21	110		55-144	21		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	90		107		10-120
2-Fluorobiphenyl	80		93		15-120
2-Fluorophenol	54		65		21-120
4-Terphenyl-d14	91		111		41-149
Nitrobenzene-d5	79		102		23-120
Phenol-d6	41		48		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2003565-4 WG2003565-5 QC Sample: L2469589-05 Client ID: MW-18												
Acenaphthene	ND	20	20	100		20	100		40-140	10		40
2-Chloronaphthalene	ND	20	19	95		19	95		40-140	5		40
Fluoranthene	ND	20	23	120		24	120		40-140	4		40
Hexachlorobutadiene	ND	20	15	75		14	70		40-140	30		40
Naphthalene	87	20	82	**0**	Q	91	**20**	Q	40-140	0		40
Benzo(a)anthracene	ND	20	24	120		25	130		40-140	0		40
Benzo(a)pyrene	ND	20	25	130		25	130		40-140	4		40
Benzo(b)fluoranthene	ND	20	24	120		24	120		40-140	0		40
Benzo(k)fluoranthene	ND	20	25	130		26	130		40-140	4		40
Chrysene	ND	20	25	130		26	130		40-140	4		40
Acenaphthylene	ND	20	20	100		20	100		40-140	10		40
Anthracene	ND	20	23	120		23	120		40-140	4		40
Benzo(ghi)perylene	ND	20	23	120		23	120		40-140	8		40
Fluorene	ND	20	21	110		21	110		40-140	13		40
Phenanthrene	ND	20	21	110		22	110		40-140	13		40
Dibenzo(a,h)anthracene	ND	20	25	130		25	130		40-140	4		40
Indeno(1,2,3-cd)pyrene	ND	20	25	130		24	120		40-140	8		40
Pyrene	ND	20	23	120		23	120		40-140	12		40
2-Methylnaphthalene	ND	20	19	95		19	95		40-140	5		40
Pentachlorophenol	ND	20	25	130		27	140		40-140	16		40
Hexachlorobenzene	ND	20	20	100		20	100		40-140	18		40
Hexachloroethane	ND	20	160	**800**	Q	180	**900**	Q	40-140	6		40

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG2003565-4 WG2003565-5 QC Sample: L2469589-05 Client ID: MW-18

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	117		116		10-120
2-Fluorobiphenyl	95		91		15-120
2-Fluorophenol	68		68		21-120
4-Terphenyl-d14	105		107		41-149
Nitrobenzene-d5	93		95		23-120
Phenol-d6	49		49		10-120

METALS

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 Date Collected: 11/25/24 13:30

Client ID: MW-14 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0170		mg/l	0.0100	0.00327	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00059	J	mg/l	0.00400	0.00042	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00347		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Barium, Total	0.08104		mg/l	0.00050	0.00017	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Calcium, Total	58.4		mg/l	0.100	0.0394	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00021	J	mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Iron, Total	4.17		mg/l	0.0500	0.0191	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Lead, Total	0.00048	J	mg/l	0.00100	0.00034	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Magnesium, Total	21.2		mg/l	0.0700	0.0242	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Manganese, Total	1.424		mg/l	0.00100	0.00044	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/03/24 17:00	12/04/24 11:04	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00072	J	mg/l	0.00200	0.00055	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Potassium, Total	3.05		mg/l	0.100	0.0309	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Sodium, Total	117.		mg/l	0.500	0.0293	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/03/24 16:16	12/04/24 10:43	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00230		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.05734		mg/l	0.00050	0.00017	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01 Date Collected: 11/25/24 13:30

Client ID: MW-14 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	51.4		mg/l	0.100	0.0394	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00038	J	mg/l	0.00100	0.00017	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00021	J	mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.0717		mg/l	0.0500	0.0191	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	19.3		mg/l	0.0700	0.0242	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	1.352		mg/l	0.00100	0.00044	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/03/24 21:57	12/04/24 08:59	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	2.74		mg/l	0.100	0.0309	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	108.		mg/l	0.500	0.0293	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/03/24 21:21	12/04/24 11:56	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02 Date Collected: 11/25/24 11:05

Client ID: MW-15 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0204		mg/l	0.0100	0.00327	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01659		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Barium, Total	0.05709		mg/l	0.00050	0.00017	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Calcium, Total	32.2		mg/l	0.100	0.0394	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00046	J	mg/l	0.00100	0.00017	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00101		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Iron, Total	4.72		mg/l	0.0500	0.0191	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Magnesium, Total	3.32		mg/l	0.0700	0.0242	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Manganese, Total	0.8088		mg/l	0.00100	0.00044	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/03/24 17:00	12/04/24 11:08	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Potassium, Total	3.77		mg/l	0.100	0.0309	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Sodium, Total	90.3		mg/l	0.500	0.0293	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/03/24 16:16	12/04/24 10:48	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00946		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.02834		mg/l	0.00050	0.00017	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 11:05
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	29.8		mg/l	0.100	0.0394	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00082		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.144		mg/l	0.0500	0.0191	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	3.15		mg/l	0.0700	0.0242	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.7466		mg/l	0.00100	0.00044	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/03/24 21:57	12/04/24 09:09	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	3.62		mg/l	0.100	0.0309	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	86.3		mg/l	0.500	0.0293	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/03/24 21:21	12/04/24 12:22	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03 Date Collected: 11/25/24 09:35

Client ID: MW-16 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.108		mg/l	0.0100	0.00327	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00024	J	mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Barium, Total	0.04678		mg/l	0.00050	0.00017	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00010	J	mg/l	0.00020	0.00005	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Calcium, Total	72.7		mg/l	0.100	0.0394	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00038	J	mg/l	0.00100	0.00017	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00055		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Copper, Total	0.00122		mg/l	0.00100	0.00038	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Iron, Total	0.168		mg/l	0.0500	0.0191	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Lead, Total	0.00072	J	mg/l	0.00100	0.00034	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Magnesium, Total	10.5		mg/l	0.0700	0.0242	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Manganese, Total	3.422		mg/l	0.00100	0.00044	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/03/24 17:00	12/04/24 11:11	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00066	J	mg/l	0.00200	0.00055	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Potassium, Total	6.13		mg/l	0.100	0.0309	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Sodium, Total	157.		mg/l	0.500	0.0293	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/03/24 16:16	12/04/24 10:53	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00794	J	mg/l	0.0100	0.00327	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00034	J	mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.04068		mg/l	0.00050	0.00017	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 09:35
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	63.4		mg/l	0.100	0.0394	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00039	J	mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00086	J	mg/l	0.00100	0.00038	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	9.30		mg/l	0.0700	0.0242	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	2.743		mg/l	0.00100	0.00044	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/03/24 21:57	12/04/24 09:12	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	5.38		mg/l	0.100	0.0309	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	143.		mg/l	0.500	0.0293	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/03/24 21:21	12/04/24 12:26	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04 Date Collected: 11/25/24 12:30

Client ID: MW-17 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.307		mg/l	0.0100	0.00327	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00033	J	mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Barium, Total	0.08704		mg/l	0.00050	0.00017	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00009	J	mg/l	0.00020	0.00005	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Calcium, Total	88.6		mg/l	0.100	0.0394	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00081	J	mg/l	0.00100	0.00017	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00134		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Copper, Total	0.00133		mg/l	0.00100	0.00038	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Iron, Total	0.442		mg/l	0.0500	0.0191	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Lead, Total	0.00084	J	mg/l	0.00100	0.00034	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Magnesium, Total	8.21		mg/l	0.0700	0.0242	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Manganese, Total	2.665		mg/l	0.00100	0.00044	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/03/24 17:00	12/04/24 11:14	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00150	J	mg/l	0.00200	0.00055	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Potassium, Total	10.0		mg/l	0.100	0.0309	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Sodium, Total	196.		mg/l	0.500	0.0293	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Zinc, Total	0.00608	J	mg/l	0.01000	0.00341	1	12/03/24 16:16	12/04/24 11:09	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00741	J	mg/l	0.0100	0.00327	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00035	J	mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.07238		mg/l	0.00050	0.00017	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04 Date Collected: 11/25/24 12:30

Client ID: MW-17 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	76.7		mg/l	0.100	0.0394	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00092		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Copper, Dissolved	0.00068	J	mg/l	0.00100	0.00038	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	6.87		mg/l	0.0700	0.0242	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	2.445		mg/l	0.00100	0.00044	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/03/24 21:57	12/04/24 09:15	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	8.59		mg/l	0.100	0.0309	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	169.		mg/l	0.500	0.0293	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/03/24 21:21	12/04/24 12:31	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 Date Collected: 11/25/24 10:30

Client ID: MW-18 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00842	J	mg/l	0.0100	0.00327	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Antimony, Total	0.00328	J	mg/l	0.00400	0.00042	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01785		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Barium, Total	0.04266		mg/l	0.00050	0.00017	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Calcium, Total	28.7		mg/l	0.100	0.0394	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00023	J	mg/l	0.00100	0.00017	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00091		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Iron, Total	3.25		mg/l	0.0500	0.0191	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Magnesium, Total	4.55		mg/l	0.0700	0.0242	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Manganese, Total	0.7729		mg/l	0.00100	0.00044	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/03/24 17:00	12/04/24 10:44	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Potassium, Total	3.04		mg/l	0.100	0.0309	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Sodium, Total	88.4		mg/l	0.500	0.0293	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/03/24 16:16	12/04/24 10:20	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	0.00179	J	mg/l	0.00400	0.00042	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.01432		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.01682		mg/l	0.00050	0.00017	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05 Date Collected: 11/25/24 10:30

Client ID: MW-18 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	25.0		mg/l	0.100	0.0394	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	0.00119		mg/l	0.00100	0.00017	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00088		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.221		mg/l	0.0500	0.0191	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	4.32		mg/l	0.0700	0.0242	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.7020		mg/l	0.00100	0.00044	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/03/24 21:57	12/04/24 08:42	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	2.82		mg/l	0.100	0.0309	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	87.8		mg/l	0.500	0.0293	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/03/24 21:21	12/04/24 11:24	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06 Date Collected: 11/25/24 00:00

Client ID: FD-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0332		mg/l	0.0100	0.00327	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.01766		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Barium, Total	0.05997		mg/l	0.00050	0.00017	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Calcium, Total	31.9		mg/l	0.100	0.0394	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00103		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Iron, Total	4.98		mg/l	0.0500	0.0191	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Magnesium, Total	3.25		mg/l	0.0700	0.0242	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Manganese, Total	0.8115		mg/l	0.00100	0.00044	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/03/24 17:00	12/04/24 11:18	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Potassium, Total	3.57		mg/l	0.100	0.0309	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Sodium, Total	90.8		mg/l	0.500	0.0293	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/03/24 16:16	12/04/24 11:13	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00965		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.02358		mg/l	0.00050	0.00017	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	25.8		mg/l	0.100	0.0394	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00080		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.270		mg/l	0.0500	0.0191	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	2.73		mg/l	0.0700	0.0242	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	0.6706		mg/l	0.00100	0.00044	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/03/24 21:57	12/04/24 09:19	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	2.99		mg/l	0.100	0.0309	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	78.6		mg/l	0.500	0.0293	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/03/24 21:21	12/04/24 12:35	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07 Date Collected: 11/25/24 14:17

Client ID: EB-01 2024-11-25 Date Received: 11/25/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Calcium, Total	0.0674	J	mg/l	0.100	0.0394	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/03/24 17:00	12/04/24 11:21	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Potassium, Total	0.116		mg/l	0.100	0.0309	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Sodium, Total	0.0302	J	mg/l	0.500	0.0293	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/03/24 16:16	12/04/24 11:18	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH
Lab Number: L2469589
Project Number: 41.0163097.00
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07
Client ID: EB-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 11/25/24 14:17
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/03/24 21:57	12/04/24 09:22	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	0.0411	J	mg/l	0.100	0.0309	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	0.217	J	mg/l	0.500	0.0293	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/03/24 21:21	12/04/24 12:40	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH **Lab Number:** L2469589

Project Number: 41.0163097.00 **Report Date:** 12/05/24

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: WG2004640-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	12/03/24 16:16	12/04/24 10:07	1,6020B	NTB

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): 01-07 Batch: WG2004644-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/03/24 17:00	12/04/24 10:37	1,7470A	JWN

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

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): 01-07 Batch: WG2004671-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Potassium, Dissolved	0.0494	J	mg/l	0.100	0.0309	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Sodium, Dissolved	0.314	J	mg/l	0.500	0.0293	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	12/03/24 21:21	12/04/24 11:01	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

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): 01-07 Batch: WG2004678-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	12/03/24 21:57	12/04/24 08:36	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2004640-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	84		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	99		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	101		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	101		-		80-120	-		
Copper, Total	105		-		80-120	-		
Iron, Total	107		-		80-120	-		
Lead, Total	99		-		80-120	-		
Magnesium, Total	96		-		80-120	-		
Manganese, Total	101		-		80-120	-		
Nickel, Total	103		-		80-120	-		
Potassium, Total	94		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	109		-		80-120	-		
Sodium, Total	99		-		80-120	-		
Thallium, Total	100		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2004640-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2004644-2					
Mercury, Total	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2004671-2					
Aluminum, Dissolved	104	-	80-120	-	
Antimony, Dissolved	86	-	80-120	-	
Arsenic, Dissolved	105	-	80-120	-	
Barium, Dissolved	98	-	80-120	-	
Beryllium, Dissolved	92	-	80-120	-	
Cadmium, Dissolved	96	-	80-120	-	
Calcium, Dissolved	85	-	80-120	-	
Chromium, Dissolved	95	-	80-120	-	
Cobalt, Dissolved	99	-	80-120	-	
Copper, Dissolved	100	-	80-120	-	
Iron, Dissolved	102	-	80-120	-	
Lead, Dissolved	96	-	80-120	-	
Magnesium, Dissolved	94	-	80-120	-	
Manganese, Dissolved	97	-	80-120	-	
Nickel, Dissolved	96	-	80-120	-	
Potassium, Dissolved	100	-	80-120	-	
Selenium, Dissolved	98	-	80-120	-	
Silver, Dissolved	100	-	80-120	-	
Sodium, Dissolved	120	-	80-120	-	
Thallium, Dissolved	96	-	80-120	-	
Vanadium, Dissolved	92	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2004671-2					
Zinc, Dissolved	94	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 Batch: WG2004678-2					
Mercury, Dissolved	94	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

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: WG2004640-3 WG2004640-4 QC Sample: L2469589-05 Client ID: MW-18												
Aluminum, Total	0.00842J	2	1.88	94		1.92	96		75-125	2		20
Antimony, Total	0.00328J	0.5	0.3938	79		0.4128	82		75-125	5		20
Arsenic, Total	0.01785	0.12	0.1380	100		0.1378	100		75-125	0		20
Barium, Total	0.04266	2	1.956	96		1.945	95		75-125	1		20
Beryllium, Total	ND	0.05	0.05144	103		0.05115	102		75-125	1		20
Cadmium, Total	ND	0.053	0.05169	98		0.05132	97		75-125	1		20
Calcium, Total	28.7	10	38.8	101		38.8	101		75-125	0		20
Chromium, Total	0.00023J	0.2	0.1922	96		0.1932	97		75-125	1		20
Cobalt, Total	0.00091	0.5	0.4934	98		0.4936	98		75-125	0		20
Copper, Total	ND	0.25	0.2564	102		0.2538	102		75-125	1		20
Iron, Total	3.25	1	4.38	113		4.41	116		75-125	1		20
Lead, Total	ND	0.53	0.5033	95		0.5123	97		75-125	2		20
Magnesium, Total	4.55	10	14.0	94		14.3	98		75-125	2		20
Manganese, Total	0.7729	0.5	1.268	99		1.281	102		75-125	1		20
Nickel, Total	ND	0.5	0.5056	101		0.4963	99		75-125	2		20
Potassium, Total	3.04	10	12.6	96		12.8	98		75-125	2		20
Selenium, Total	ND	0.12	0.120	100		0.120	100		75-125	0		20
Silver, Total	ND	0.05	0.05181	104		0.05198	104		75-125	0		20
Sodium, Total	88.4	10	98.6	102		100	116		75-125	1		20
Thallium, Total	ND	0.12	0.1139	95		0.1157	96		75-125	2		20
Vanadium, Total	ND	0.5	0.4731	95		0.4783	96		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

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): 01-07 QC Batch ID: WG2004640-3 WG2004640-4 QC Sample: L2469589-05 Client ID: MW-18									
Zinc, Total	ND	0.5	0.5073	101	0.5040	101	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2004644-3 WG2004644-4 QC Sample: L2469589-05 Client ID: MW-18									
Mercury, Total	ND	0.005	0.00523	105	0.00502	100	75-125	4	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

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): 01-07 QC Batch ID: WG2004671-3 WG2004671-4 QC Sample: L2469589-05 Client ID: MW-18										
Aluminum, Dissolved	ND	2	1.93	96		2.05	102	75-125	6	20
Antimony, Dissolved	0.00179J	0.5	0.3935	79		0.4261	85	75-125	8	20
Arsenic, Dissolved	0.01432	0.12	0.1353	101		0.1330	99	75-125	2	20
Barium, Dissolved	0.01682	2	1.890	94		1.972	98	75-125	4	20
Beryllium, Dissolved	ND	0.05	0.04442	89		0.04915	98	75-125	10	20
Cadmium, Dissolved	ND	0.053	0.04788	90		0.05034	95	75-125	5	20
Calcium, Dissolved	25.0	10	33.0	80		34.8	98	75-125	5	20
Chromium, Dissolved	0.00119	0.2	0.1832	91		0.1931	96	75-125	5	20
Cobalt, Dissolved	0.00088	0.5	0.4664	93		0.4977	99	75-125	6	20
Copper, Dissolved	ND	0.25	0.2394	96		0.2556	102	75-125	7	20
Iron, Dissolved	0.221	1	1.16	94		1.18	96	75-125	2	20
Lead, Dissolved	ND	0.53	0.4811	91		0.5094	96	75-125	6	20
Magnesium, Dissolved	4.32	10	13.0	87		13.8	95	75-125	6	20
Manganese, Dissolved	0.7020	0.5	1.140	88		1.208	101	75-125	6	20
Nickel, Dissolved	ND	0.5	0.4441	89		0.4754	95	75-125	7	20
Potassium, Dissolved	2.82	10	11.8	90		12.5	97	75-125	6	20
Selenium, Dissolved	ND	0.12	0.117	98		0.114	95	75-125	3	20
Silver, Dissolved	ND	0.05	0.04768	95		0.04988	100	75-125	5	20
Sodium, Dissolved	87.8	10	92.4	**46**	Q	97.5	97	75-125	5	20
Thallium, Dissolved	ND	0.12	0.1100	92		0.1177	98	75-125	7	20
Vanadium, Dissolved	ND	0.5	0.4423	88		0.4582	92	75-125	4	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

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): 01-07 QC Batch ID: WG2004671-3 WG2004671-4 QC Sample: L2469589-05 Client ID: MW-18									
Zinc, Dissolved	ND	0.5	0.4613	92	0.4774	95	75-125	3	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2004678-3 WG2004678-4 QC Sample: L2469589-05 Client ID: MW-18									
Mercury, Dissolved	ND	0.005	0.00482	96	0.00459	92	75-125	5	20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2469589
Report Date: 12/05/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG2004640-6 QC Sample: L2469589-05 Client ID: MW-18						
Arsenic, Total	0.01785	0.01854	mg/l	4		20
Barium, Total	0.04266	0.04124	mg/l	3		20
Calcium, Total	28.7	28.4	mg/l	1		20
Iron, Total	3.25	3.28	mg/l	1		20
Magnesium, Total	4.55	4.52	mg/l	1		20
Manganese, Total	0.7729	0.7584	mg/l	2		20
Potassium, Total	3.04	3.02	mg/l	1		20
Sodium, Total	88.4	88.3	mg/l	0		20

INORGANICS
&
MISCELLANEOUS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 13:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	12/03/24 22:40	12/04/24 14:36	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-02
Client ID: MW-15
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 11:05
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	12/03/24 22:40	12/04/24 14:37	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-03
Client ID: MW-16
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 09:35
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	12/04/24 13:00	12/04/24 17:28	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-04
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 12:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.004	J	mg/l	0.005	0.001	1	12/04/24 13:00	12/04/24 17:29	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-05
Client ID: MW-18
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 10:30
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/04/24 13:00	12/04/24 17:30	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-06
Client ID: FD-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 00:00
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/04/24 13:00	12/04/24 17:35	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

SAMPLE RESULTS

Lab ID: L2469589-07
Client ID: EB-01 2024-11-25
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 11/25/24 14:17
Date Received: 11/25/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/04/24 13:00	12/04/24 17:36	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

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): 01-02 Batch: WG2004804-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/03/24 22:40	12/04/24 14:11	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 03-07 Batch: WG2005123-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	12/04/24 13:00	12/04/24 16:56	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2469589

Report Date: 12/05/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG2004804-2 WG2004804-3								
Cyanide, Total	86		90		85-115	5		20
General Chemistry - Westborough Lab Associated sample(s): 03-07 Batch: WG2005123-2 WG2005123-3								
Cyanide, Total	88		86		85-115	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2004804-4 WG2004804-5 QC Sample: L2468434-02 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.173	86		0.160	80		80-120	7		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2004804-6 WG2004804-7 QC Sample: L2468434-05 Client ID: MS Sample												
Cyanide, Total	0.003J	0.2	0.171	86		0.164	82		80-120	4		20
General Chemistry - Westborough Lab Associated sample(s): 03-07 QC Batch ID: WG2005123-4 WG2005123-5 QC Sample: L2469589-05 Client ID: MW-18												
Cyanide, Total	ND	0.2	0.200	100		0.209	104		80-120	4		20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent
E	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2469589-01A	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2469589-01B	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2469589-01C	Vial HCl preserved	A	NA		3.2	Y	Absent		NYTCL-8260(14)
L2469589-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.2	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2469589-01E	Amber 100ml unpreserved	A	7	7	3.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-01F	Amber 100ml unpreserved	A	7	7	3.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-01G	Amber 120ml unpreserved	A	7	7	3.2	Y	Absent		HOLD-8082(7)
L2469589-01H	Amber 120ml unpreserved	A	7	7	3.2	Y	Absent		HOLD-8082(7)
L2469589-01I	Amber 120ml unpreserved	A	7	7	3.2	Y	Absent		HOLD-8081(7)
L2469589-01J	Amber 120ml unpreserved	A	7	7	3.2	Y	Absent		HOLD-8081(7)
L2469589-01K	Plastic 250ml unpreserved	A	7	7	3.2	Y	Absent		-
L2469589-01L	Plastic 250ml NaOH preserved	A	>12	>12	3.2	Y	Absent		TCN-9010(14)
L2469589-01M	Amber 1L unpreserved	A	7	7	3.2	Y	Absent		HOLD-8151(7)
L2469589-01N	Amber 1L unpreserved	A	7	7	3.2	Y	Absent		HOLD-8151(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2469589-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.2	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),MG-6020S(180),CO-6020S(180),BE-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),NI-6020S(180),PB-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2469589-02A	Vial HCl preserved	D	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-02B	Vial HCl preserved	D	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-02C	Vial HCl preserved	D	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-02D	Plastic 250ml HNO3 preserved	D	<2	<2	2.2	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2469589-02E	Amber 100ml unpreserved	D	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-02F	Amber 100ml unpreserved	D	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-02G	Amber 120ml unpreserved	D	7	7	2.2	Y	Absent		HOLD-8081(7)
L2469589-02H	Amber 120ml unpreserved	D	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-02I	Amber 120ml unpreserved	D	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-02J	Plastic 250ml unpreserved	D	7	7	2.2	Y	Absent		-
L2469589-02K	Plastic 250ml NaOH preserved	D	>12	>12	2.2	Y	Absent		TCN-9010(14)
L2469589-02L	Amber 1L unpreserved	D	7	7	2.2	Y	Absent		HOLD-8151(7)
L2469589-02M	Amber 1L unpreserved	D	7	7	2.2	Y	Absent		HOLD-8151(7)
L2469589-02X	Plastic 120ml HNO3 preserved Filtrates	D	NA		2.2	Y	Absent		K-6020S(180),V-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),CO-6020S(180),BE-6020S(180),ZN-6020S(180),MG-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NI-6020S(180),PB-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2469589
Report Date: 12/05/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2469589-03A	Vial HCl preserved	C	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-03B	Vial HCl preserved	C	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-03C	Vial HCl preserved	C	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-03D	Plastic 250ml HNO3 preserved	C	<2	<2	2.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2469589-03E	Amber 100ml unpreserved	C	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-03F	Amber 100ml unpreserved	C	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-03G	Amber 120ml unpreserved	C	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-03H	Amber 120ml unpreserved	C	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-03I	Amber 120ml unpreserved	C	7	7	2.2	Y	Absent		HOLD-8081(7)
L2469589-03J	Amber 120ml unpreserved	C	7	7	2.2	Y	Absent		HOLD-8081(7)
L2469589-03K	Plastic 250ml unpreserved	C	7	7	2.2	Y	Absent		-
L2469589-03L	Plastic 250ml NaOH preserved	C	>12	>12	2.2	Y	Absent		TCN-9010(14)
L2469589-03M	Amber 1L unpreserved	C	7	7	2.2	Y	Absent		HOLD-8151(7)
L2469589-03N	Amber 1L unpreserved	C	7	7	2.2	Y	Absent		HOLD-8151(7)
L2469589-03X	Plastic 120ml HNO3 preserved Filtrates	C	NA		2.2	Y	Absent		K-6020S(180),V-6020S(180),SE-6020S(180),CU-6020S(180),MN-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),NI-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2469589-04A	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)
L2469589-04B	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)
L2469589-04C	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)

*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(*)
L2469589-04D	Plastic 250ml HNO3 preserved	E	<2	<2	3.6	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2469589-04E	Amber 100ml unpreserved	E	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-04F	Amber 100ml unpreserved	E	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-04G	Amber 120ml unpreserved	E	7	7	3.6	Y	Absent		HOLD-8082(7)
L2469589-04H	Amber 120ml unpreserved	E	7	7	3.6	Y	Absent		HOLD-8082(7)
L2469589-04I	Amber 120ml unpreserved	E	7	7	3.6	Y	Absent		HOLD-8081(7)
L2469589-04J	Amber 120ml unpreserved	E	7	7	3.6	Y	Absent		HOLD-8081(7)
L2469589-04K	Plastic 250ml unpreserved	E	7	7	3.6	Y	Absent		-
L2469589-04L	Plastic 250ml NaOH preserved	E	>12	>12	3.6	Y	Absent		TCN-9010(14)
L2469589-04M	Amber 1L unpreserved	E	7	7	3.6	Y	Absent		HOLD-8151(7)
L2469589-04N	Amber 1L unpreserved	E	7	7	3.6	Y	Absent		HOLD-8151(7)
L2469589-04X	Plastic 120ml HNO3 preserved Filtrates	E	NA		3.6	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),CO-6020S(180),BE-6020S(180),ZN-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NI-6020S(180),BA-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2469589-05A	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2469589-05A1	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2469589-05A2	Vial HCl preserved	C	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-05B	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2469589-05B1	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2469589-05B2	Vial HCl preserved	C	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-05C	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2469589-05C1	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2469589-05C2	Vial HCl preserved	C	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-05D	Plastic 250ml HNO3 preserved	B	<2	<2	3.1	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2469589-05D1	Plastic 250ml HNO3 preserved	B	<2	<2	3.1	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2469589-05D2	Plastic 250ml HNO3 preserved	C	<2	<2	2.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2469589-05E	Amber 100ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-05E1	Amber 100ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-05E2	Amber 100ml unpreserved	C	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-05F	Amber 100ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-05F1	Amber 100ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-05F2	Amber 100ml unpreserved	C	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-05G	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8081(7)
L2469589-05G1	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8081(7)
L2469589-05G2	Amber 120ml unpreserved	C	7	7	2.2	Y	Absent		HOLD-8081(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(*)
L2469589-05H	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8081(7)
L2469589-05H1	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8081(7)
L2469589-05H2	Amber 120ml unpreserved	C	7	7	2.2	Y	Absent		HOLD-8081(7)
L2469589-05I	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8082(7)
L2469589-05I1	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8082(7)
L2469589-05I2	Amber 120ml unpreserved	C	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-05J	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8082(7)
L2469589-05J1	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		HOLD-8082(7)
L2469589-05J2	Amber 120ml unpreserved	C	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-05K	Plastic 250ml unpreserved	B	7	7	3.1	Y	Absent		-
L2469589-05K1	Plastic 250ml unpreserved	B	7	7	3.1	Y	Absent		-
L2469589-05K2	Plastic 250ml unpreserved	C	7	7	2.2	Y	Absent		-
L2469589-05L	Plastic 250ml NaOH preserved	B	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2469589-05L1	Plastic 250ml NaOH preserved	B	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2469589-05L2	Plastic 250ml NaOH preserved	C	>12	>12	2.2	Y	Absent		TCN-9010(14)
L2469589-05M	Amber 1L unpreserved	B	7	7	3.1	Y	Absent		HOLD-8151(7)
L2469589-05M1	Amber 1L unpreserved	B	7	7	3.1	Y	Absent		HOLD-8151(7)
L2469589-05M2	Amber 1L unpreserved	C	7	7	2.2	Y	Absent		HOLD-8151(7)
L2469589-05N	Amber 1L unpreserved	B	7	7	3.1	Y	Absent		HOLD-8151(7)
L2469589-05N1	Amber 1L unpreserved	B	7	7	3.1	Y	Absent		HOLD-8151(7)
L2469589-05N2	Amber 1L unpreserved	C	7	7	2.2	Y	Absent		HOLD-8151(7)
L2469589-05X	Plastic 120ml HNO3 preserved Filtrates	B	NA		3.1	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),BA-6020S(180),NA-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2469589-06A	Vial HCl preserved	D	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-06B	Vial HCl preserved	D	NA		2.2	Y	Absent		NYTCL-8260(14)

*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(*)
L2469589-06C	Vial HCl preserved	D	NA		2.2	Y	Absent		NYTCL-8260(14)
L2469589-06D	Plastic 250ml HNO3 preserved	D	<2	<2	2.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2469589-06E	Amber 100ml unpreserved	D	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-06F	Amber 100ml unpreserved	D	7	7	2.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-06G	Amber 120ml unpreserved	D	7	7	2.2	Y	Absent		HOLD-8081(7)
L2469589-06H	Amber 120ml unpreserved	D	7	7	2.2	Y	Absent		HOLD-8081(7)
L2469589-06I	Amber 120ml unpreserved	D	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-06J	Amber 120ml unpreserved	D	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-06K	Amber 120ml unpreserved	D	7	7	2.2	Y	Absent		HOLD-8082(7)
L2469589-06L	Plastic 250ml unpreserved	D	7	7	2.2	Y	Absent		-
L2469589-06M	Plastic 250ml NaOH preserved	D	>12	>12	2.2	Y	Absent		TCN-9010(14)
L2469589-06N	Amber 1L unpreserved	D	7	7	2.2	Y	Absent		HOLD-8151(7)
L2469589-06O	Amber 1L unpreserved	D	7	7	2.2	Y	Absent		HOLD-8151(7)
L2469589-06X	Plastic 120ml HNO3 preserved Filtrates	D	NA		2.2	Y	Absent		K-6020S(180),SE-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),BE-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NI-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2469589-07A	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)
L2469589-07B	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)
L2469589-07C	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)

*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(*)
L2469589-07D	Plastic 250ml HNO3 preserved	E	<2	<2	3.6	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2469589-07E	Amber 100ml unpreserved	E	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-07F	Amber 100ml unpreserved	E	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2469589-07G	Amber 120ml unpreserved	E	7	7	3.6	Y	Absent		HOLD-8082(7)
L2469589-07H	Amber 120ml unpreserved	E	7	7	3.6	Y	Absent		HOLD-8082(7)
L2469589-07I	Amber 120ml unpreserved	E	7	7	3.6	Y	Absent		HOLD-8081(7)
L2469589-07J	Amber 120ml unpreserved	E	7	7	3.6	Y	Absent		HOLD-8081(7)
L2469589-07K	Plastic 250ml unpreserved	E	7	7	3.6	Y	Absent		-
L2469589-07L	Plastic 250ml NaOH preserved	E	>12	>12	3.6	Y	Absent		TCN-9010(14)
L2469589-07M	Amber 1L unpreserved	E	7	7	3.6	Y	Absent		HOLD-8151(7)
L2469589-07N	Amber 1L unpreserved	E	7	7	3.6	Y	Absent		HOLD-8151(7)
L2469589-07X	Plastic 120ml HNO3 preserved Filtrates	E	NA		3.6	Y	Absent		CU-6020S(180),SE-6020S(180),K-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),NI-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2469589-08A	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)
L2469589-08B	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)
L2469589-08C	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)
L2469589-08D	Vial HCl preserved	E	NA		3.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2469589
Project Number:	41.0163097.00	**Report Date:**	12/05/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2469589
Project Number:	41.0163097.00	**Report Date:**	12/05/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2469589
Project Number:	41.0163097.00	**Report Date:**	12/05/24

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: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2469589
Report Date: 12/05/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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, 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 1

Date Rec'd in Lab: 11/26/24

ALPHA Job #: L2469589

Client Information
Client: GZA GeoEnvironmental
Address: 104 W 29th St
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@gza.com

Project Information
Project Name: SA 101 E 150th St
Project Location: Bronx, NY
Project # 41.0163097.00
(Use Project name as Project #)
Project Manager: Reinbill Maniquez
ALPHAQuote #:

Turn-Around Time
Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[ ] Other

Billing Information
[X] Same as Client Info
PO #

Regulatory Requirement
[X] 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:
Lab to filter for Dissolved TAL Metals

Please specify Metals or TAL.

ANALYSIS
- 8260 TCL VOCs + 10 TICs
- 8270 TCL SVOCs + 20 TICs
- TAL Metals 6010/7471 (Total + Dissolved)
- Total Cyanide 9010/9012
- Mercury (7471)

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260	8270	TAL Metals 6010/7471 (Total + Dissolved)	Total Cyanide 9010/9012	Mercury (7471)	Sample Specific Comments
69589-01	MW-19	11/25/24	13:30	GW	JN	X	X	X	X	X	
-02	MW-15		11:05								
-03	MW-16		9:35								
-04	MW-17		12:30								
-05	MW-18		10:30								
	MW-18 MS-01		10:35								
	MW-18 MSD-01		10:40								
-06	FD-01 2024-11-25		-	GW							
-07	EB-01 2024-11-25		14:17	W							
-08	TB-01 2024-11-25		-	W		X					

Container Type	V	A	P	P				
Preservative	B		C	E				

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
Jazlyn Natalie/GZA	11/25/24 17:11	CTJAC PACE	11/25/24 17:11
CTJAC	11/25/24 19:40	NJSC	11/25/24 19:40
NJSC	11/25/24 19:40	Anthony Green	NOV 25 2024 1940
Anthony Green	11/26/24 0015		11/26/24 0015
	11/26/24 0225		11/26/24 0225

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:	L2455026
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	SA 101 EAST 150TH ST
Project Number:	41.0163097.00
Report Date:	09/27/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2455026-01	MW-19	WATER	BRONX, NY	09/24/24 07:55	09/24/24
L2455026-02	FB 2024-09-24	WATER	BRONX, NY	09/24/24 08:20	09/24/24
L2455026-03	TB 2024-09-24	WATER	BRONX, NY	09/24/24 00:00	09/24/24

Project Name:	SA 101 EAST 150TH ST	**Lab Number:**	L2455026
Project Number:	41.0163097.00	**Report Date:**	09/27/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	SA 101 EAST 150TH ST	**Lab Number:**	L2455026
Project Number:	41.0163097.00	**Report Date:**	09/27/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1976780-2 LCS recovery, associated with L2455026-01 and -02, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

PCBs

The WG1976835-1 Method Blank, associated with L2455026-01 and -02, has a concentration above the reporting limit for Aroclor 1254. Since the associated sample concentrations are non-detect to the RL, no corrective action is required.

Dissolved Metals

L2455026-02: The Field Blank has a result for sodium present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

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: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/27/24

ORGANICS

VOLATILES

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/26/24 11:43
Analyst: LAC

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	0.57		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY
Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.32	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY
Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	10.2	J	ug/l			1
Unknown Alkane	1.19	J	ug/l			1
Cyclohexanone, 2,3-dimethyl-	2.54	NJ	ug/l			1
Unknown	1.41	J	ug/l			1
Unknown	1.05	J	ug/l			1
Unknown Naphthalene	1.10	J	ug/l			1
Unknown	1.67	J	ug/l			1
Unknown	1.25	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	98		70-130

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/26/24 12:06
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY
Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY
Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.38	J	ug/l			1
Unknown	1.38	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	99		70-130

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-03
Client ID: TB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 00:00
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 09/26/24 12:28
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH ST **Lab Number:** L2455026

Project Number: 41.0163097.00 **Report Date:** 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-03 Date Collected: 09/24/24 00:00

Client ID: TB 2024-09-24 Date Received: 09/24/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-03
Client ID: TB 2024-09-24
Sample Location: BRONX, NY
Date Collected: 09/24/24 00:00
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.21	J	ug/l			1
Unknown	1.21	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	98		70-130

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/24 08:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1976735-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH ST **Lab Number:** L2455026

Project Number: 41.0163097.00 **Report Date:** 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/24 08:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1976735-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/24 08:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1976735-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/24 08:44
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1976735-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1976735-3 WG1976735-4								
Methylene chloride	98		100		70-130	2		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	89		92		63-130	3		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	96		98		67-130	2		20
trans-1,3-Dichloropropene	99		100		70-130	1		20
cis-1,3-Dichloropropene	95		97		70-130	2		20
1,1-Dichloropropene	110		120		70-130	9		20
Bromoform	82		91		54-136	10		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	100		100		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	82		80		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1976735-3 WG1976735-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	99		100		70-130	1		20
1,2-Dichlorobenzene	96		100		70-130	4		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	98		110		70-130	12		20
Methyl tert butyl ether	97		100		63-130	3		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	99		98		70-130	1		20
Dibromomethane	94		96		70-130	2		20
1,2,3-Trichloropropane	100		110		64-130	10		20
Acrylonitrile	110		120		70-130	9		20
Styrene	95		100		70-130	5		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	110		110		58-148	0		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	97		100		59-130	3		20
2-Hexanone	97		110		57-130	13		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1976735-3 WG1976735-4								
Bromochloromethane	89		91		70-130	2		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	99		100		70-130	1		20
1,3-Dichloropropane	100		110		70-130	10		20
1,1,1,2-Tetrachloroethane	92		95		64-130	3		20
Bromobenzene	96		100		70-130	4		20
n-Butylbenzene	130		**140**	Q	53-136	7		20
sec-Butylbenzene	120		130		70-130	8		20
tert-Butylbenzene	110		120		70-130	9		20
o-Chlorotoluene	110		120		70-130	9		20
p-Chlorotoluene	110		120		70-130	9		20
1,2-Dibromo-3-chloropropane	87		99		41-144	13		20
Hexachlorobutadiene	110		120		63-130	9		20
Isopropylbenzene	110		120		70-130	9		20
p-Isopropyltoluene	110		120		70-130	9		20
Naphthalene	99		110		70-130	11		20
n-Propylbenzene	120		130		69-130	8		20
1,2,3-Trichlorobenzene	93		100		70-130	7		20
1,2,4-Trichlorobenzene	95		100		70-130	5		20
1,3,5-Trimethylbenzene	110		120		64-130	9		20
1,2,4-Trimethylbenzene	110		120		70-130	9		20
1,4-Dioxane	84		88		56-162	5		20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1976735-3 WG1976735-4								
p-Ethyltoluene	110		120		70-130	9		20
1,2,4,5-Tetramethylbenzene	94		100		70-130	6		20
Ethyl ether	96		95		59-134	1		20
trans-1,4-Dichloro-2-butene	96		110		70-130	14		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		105		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	105		110		70-130
Dibromofluoromethane	95		96		70-130

SEMIVOLATILES

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/27/24 14:45
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	1.6	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY
Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.85	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds				
Total TIC Compounds	47.7	J	ug/l	1
Unknown	6.00	J	ug/l	1
Unknown	5.80	J	ug/l	1
Unknown	4.40	J	ug/l	1
Unknown	5.40	J	ug/l	1
Unknown	7.90	J	ug/l	1
Unknown	10.4	J	ug/l	1
Unknown	7.80	J	ug/l	1

Project Name: SA 101 EAST 150TH ST
Lab Number: L2455026
Project Number: 41.0163097.00
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY
Date Collected: 09/24/24 07:55
Date Received: 09/24/24
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	**11**	Q	21-120
Phenol-d6	16		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	22		10-120
4-Terphenyl-d14	72		41-149

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/24 10:16
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.04	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.13	J	ug/l	0.80	0.06	1
Hexachlorobenzene	0.01	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH ST
Lab Number: L2455026
Project Number: 41.0163097.00
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY
Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**12**	Q	21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	23		10-120
4-Terphenyl-d14	84		41-149

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 09/27/24 15:07
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	1.5	J	ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	1.5	J	ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH ST
Lab Number: L2455026
Project Number: 41.0163097.00
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY
Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	16.	J	ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds				
Total TIC Compounds	67.6	J	ug/l	1
Unknown	6.30	J	ug/l	1
Unknown	10.1	J	ug/l	1
Unknown	13.3	J	ug/l	1
Unknown	11.2	J	ug/l	1
Unknown	5.80	J	ug/l	1
Unknown	4.50	J	ug/l	1
Unknown	7.10	J	ug/l	1
Unknown	4.80	J	ug/l	1
Unknown	4.50	J	ug/l	1

Project Name: SA 101 EAST 150TH ST
Lab Number: L2455026
Project Number: 41.0163097.00
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
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	40		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	68		41-149

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/24 10:32
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.13	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH ST
Lab Number: L2455026
Project Number: 41.0163097.00
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	91		10-120
4-Terphenyl-d14	90		41-149

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/24 12:29
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1976780-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	2.6	J	ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/24 12:29
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1976780-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/27/24 12:29
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1976780-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	11.5	J	ug/l
Unknown	6.40	J	ug/l
Unknown	5.10	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	87		41-149

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/24 09:19
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1976781-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.14	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/27/24 09:19
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 15:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1976781-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	94		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

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: WG1976780-2 WG1976780-3								
Acenaphthene	74		69		37-111	7		30
1,2,4-Trichlorobenzene	64		60		39-98	6		30
Hexachlorobenzene	77		71		40-140	8		30
Bis(2-chloroethyl)ether	69		66		40-140	4		30
2-Chloronaphthalene	72		71		40-140	1		30
1,2-Dichlorobenzene	68		64		40-140	6		30
1,3-Dichlorobenzene	62		59		40-140	5		30
1,4-Dichlorobenzene	63		59		36-97	7		30
3,3'-Dichlorobenzidine	84		82		40-140	2		30
2,4-Dinitrotoluene	94		86		48-143	9		30
2,6-Dinitrotoluene	94		92		40-140	2		30
Fluoranthene	85		83		40-140	2		30
4-Chlorophenyl phenyl ether	74		67		40-140	10		30
4-Bromophenyl phenyl ether	78		69		40-140	12		30
Bis(2-chloroisopropyl)ether	80		79		40-140	1		30
Bis(2-chloroethoxy)methane	73		68		40-140	7		30
Hexachlorobutadiene	59		56		40-140	5		30
Hexachlorocyclopentadiene	55		47		40-140	16		30
Hexachloroethane	59		54		40-140	9		30
Isophorone	69		67		40-140	3		30
Naphthalene	71		70		40-140	1		30
Nitrobenzene	68		65		40-140	5		30
NDPA/DPA	81		74		40-140	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

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: WG1976780-2 WG1976780-3								
n-Nitrosodi-n-propylamine	67		66		29-132	2		30
Bis(2-ethylhexyl)phthalate	98		91		40-140	7		30
Butyl benzyl phthalate	101		98		40-140	3		30
Di-n-butylphthalate	107		91		40-140	16		30
Di-n-octylphthalate	108		99		40-140	9		30
Diethyl phthalate	81		76		40-140	6		30
Dimethyl phthalate	84		81		40-140	4		30
Benzo(a)anthracene	81		77		40-140	5		30
Benzo(a)pyrene	85		84		40-140	1		30
Benzo(b)fluoranthene	84		79		40-140	6		30
Benzo(k)fluoranthene	85		84		40-140	1		30
Chrysene	78		72		40-140	8		30
Acenaphthylene	78		78		45-123	0		30
Anthracene	82		80		40-140	2		30
Benzo(ghi)perylene	82		78		40-140	5		30
Fluorene	79		71		40-140	11		30
Phenanthrene	80		77		40-140	4		30
Dibenzo(a,h)anthracene	87		83		40-140	5		30
Indeno(1,2,3-cd)pyrene	90		88		40-140	2		30
Pyrene	86		82		26-127	5		30
Biphenyl	68		65		40-140	5		30
4-Chloroaniline	64		62		40-140	3		30
2-Nitroaniline	97		95		52-143	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

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: WG1976780-2 WG1976780-3								
3-Nitroaniline	89		84		25-145	6		30
4-Nitroaniline	90		91		51-143	1		30
Dibenzofuran	76		72		40-140	5		30
2-Methylnaphthalene	74		69		40-140	7		30
1,2,4,5-Tetrachlorobenzene	64		59		2-134	8		30
Acetophenone	69		68		39-129	1		30
2,4,6-Trichlorophenol	62		83		30-130	29		30
p-Chloro-m-cresol	80		78		23-97	3		30
2-Chlorophenol	68		74		27-123	8		30
2,4-Dichlorophenol	80		84		30-130	5		30
2,4-Dimethylphenol	56		52		30-130	7		30
2-Nitrophenol	90		90		30-130	0		30
4-Nitrophenol	16		38		10-80	**81**	Q	30
2,4-Dinitrophenol	42		110		20-130	**89**	Q	30
4,6-Dinitro-o-cresol	53		98		20-164	**60**	Q	30
Pentachlorophenol	52		93		9-103	**57**	Q	30
Phenol	40		40		12-110	0		30
2-Methylphenol	71		70		30-130	1		30
3-Methylphenol/4-Methylphenol	65		64		30-130	2		30
2,4,5-Trichlorophenol	74		93		30-130	23		30
Benzoic Acid	**0**	Q	110		10-164	NC		30
Benzyl Alcohol	64		64		26-116	0		30
Carbazole	88		82		55-144	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

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: WG1976780-2 WG1976780-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		55		21-120
Phenol-d6	37		38		10-120
Nitrobenzene-d5	66		60		23-120
2-Fluorobiphenyl	75		71		15-120
2,4,6-Tribromophenol	75		81		10-120
4-Terphenyl-d14	80		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

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: WG1976781-2 WG1976781-3								
Acenaphthene	83		82		40-140	1		40
2-Chloronaphthalene	79		78		40-140	1		40
Fluoranthene	90		90		40-140	0		40
Hexachlorobutadiene	64		63		40-140	2		40
Naphthalene	74		74		40-140	0		40
Benzo(a)anthracene	95		98		40-140	3		40
Benzo(a)pyrene	101		103		40-140	2		40
Benzo(b)fluoranthene	101		104		40-140	3		40
Benzo(k)fluoranthene	96		97		40-140	1		40
Chrysene	95		96		40-140	1		40
Acenaphthylene	85		84		40-140	1		40
Anthracene	91		92		40-140	1		40
Benzo(ghi)perylene	95		97		40-140	2		40
Fluorene	87		86		40-140	1		40
Phenanthrene	87		88		40-140	1		40
Dibenzo(a,h)anthracene	101		103		40-140	2		40
Indeno(1,2,3-cd)pyrene	105		107		40-140	2		40
Pyrene	89		88		40-140	1		40
2-Methylnaphthalene	80		78		40-140	3		40
Pentachlorophenol	63		100		40-140	**45**	Q	40
Hexachlorobenzene	86		88		40-140	2		40
Hexachloroethane	64		63		40-140	2		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

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: WG1976781-2 WG1976781-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		58		21-120
Phenol-d6	42		45		10-120
Nitrobenzene-d5	86		86		23-120
2-Fluorobiphenyl	81		79		15-120
2,4,6-Tribromophenol	79		95		10-120
4-Terphenyl-d14	87		87		41-149

PCBS

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/27/24 15:26
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 09/27/24 01:01
Cleanup Method: EPA 3665A
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

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	83		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/27/24 15:35
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 09/27/24 01:01
Cleanup Method: EPA 3665A
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/27/24 15:17
Analyst: RMP

Extraction Method: EPA 3510C
Extraction Date: 09/26/24 16:41
Cleanup Method: EPA 3665A
Cleanup Date: 09/27/24
Cleanup Method: EPA 3660B
Cleanup Date: 09/27/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1976835-1						
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	0.114		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	0.114		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

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: WG1976835-2 WG1976835-3									
Aroclor 1016	78		82		40-140	4		50	A
Aroclor 1260	82		82		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		80		30-150	A
Decachlorobiphenyl	85		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		67		30-150	B
Decachlorobiphenyl	75		74		30-150	B

PESTICIDES

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/27/24 12:32
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 09/27/24 07:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	0.035		ug/l	0.029	0.003	1	A
4,4'-DDT	0.028	J	ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH ST
Lab Number: L2455026
Project Number: 41.0163097.00
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY
Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	50		30-150	B

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 09/27/24 15:33
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 09/27/24 02:18

Methylation Date: 09/27/24 12:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	86		30-150	A
DCAA	81		30-150	B

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 09/27/24 12:43
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 09/27/24 07:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH ST
Lab Number: L2455026
Project Number: 41.0163097.00
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 09/27/24 15:52
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 09/27/24 02:18

Methylation Date: 09/27/24 12:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	88		30-150	A
DCAA	82		30-150	B

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 09/27/24 14:37
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 09/27/24 02:18

Methylation Date: 09/27/24 12:05

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1976958-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	85		30-150	A
DCAA	79		30-150	B

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/27/24 11:56
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 09/27/24 07:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1977043-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 09/27/24 11:56
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 09/27/24 07:51

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1977043-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	55		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1976958-2 WG1976958-3									
2,4-D	88		91		30-150	3		25	A
2,4,5-T	91		94		30-150	3		25	A
2,4,5-TP (Silvex)	87		90		30-150	3		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	86		88		30-150	A
DCAA	92		93		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1977043-2 WG1977043-3									
Delta-BHC	58		58		30-150	1		20	A
Lindane	62		60		30-150	3		20	A
Alpha-BHC	66		62		30-150	5		20	A
Beta-BHC	61		59		30-150	3		20	A
Heptachlor	66		64		30-150	3		20	A
Aldrin	62		61		30-150	3		20	A
Heptachlor epoxide	63		62		30-150	2		20	A
Endrin	65		64		30-150	1		20	A
Endrin aldehyde	55		54		30-150	1		20	A
Endrin ketone	68		67		30-150	1		20	A
Dieldrin	70		69		30-150	2		20	A
4,4'-DDE	62		61		30-150	1		20	A
4,4'-DDD	69		68		30-150	2		20	A
4,4'-DDT	66		65		30-150	2		20	A
Endosulfan I	63		62		30-150	2		20	A
Endosulfan II	66		66		30-150	1		20	A
Endosulfan sulfate	67		67		30-150	0		20	A
Methoxychlor	70		69		30-150	2		20	A
cis-Chlordane	59		58		30-150	2		20	A
trans-Chlordane	71		69		30-150	3		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1977043-2 WG1977043-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		58		30-150	A
Decachlorobiphenyl	61		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		53		30-150	B
Decachlorobiphenyl	56		52		30-150	B

METALS

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.549		mg/l	0.0100	0.00327	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00226		mg/l	0.00050	0.00016	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Barium, Total	0.1174		mg/l	0.00050	0.00017	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Calcium, Total	58.6		mg/l	0.100	0.0394	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00100		mg/l	0.00100	0.00017	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00180		mg/l	0.00050	0.00016	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Copper, Total	0.00135		mg/l	0.00100	0.00038	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Iron, Total	1.72		mg/l	0.0500	0.0191	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Lead, Total	0.00092	J	mg/l	0.00100	0.00034	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Magnesium, Total	13.2		mg/l	0.0700	0.0242	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Manganese, Total	1.807		mg/l	0.00100	0.00044	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/26/24 12:00	09/27/24 10:28	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00152	J	mg/l	0.00200	0.00055	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Potassium, Total	6.13		mg/l	0.100	0.0309	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Sodium, Total	372.		mg/l	1.00	0.293	10	09/26/24 10:17	09/27/24 10:10	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/26/24 10:17	09/27/24 09:29	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00986	J	mg/l	0.0100	0.00327	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	0.00105		mg/l	0.00050	0.00016	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Barium, Dissolved	0.1097		mg/l	0.00050	0.00017	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	58.6		mg/l	0.100	0.0394	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	0.00130		mg/l	0.00050	0.00016	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Iron, Dissolved	0.100		mg/l	0.0500	0.0191	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	12.7		mg/l	0.0700	0.0242	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	1.369		mg/l	0.00100	0.00044	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/26/24 11:27	09/27/24 07:48	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00082	J	mg/l	0.00200	0.00055	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	6.18		mg/l	0.100	0.0309	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	349.		mg/l	1.00	0.293	10	09/26/24 10:23	09/27/24 10:15	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/26/24 10:23	09/27/24 09:52	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/26/24 12:00	09/27/24 10:31	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/26/24 10:17	09/27/24 08:58	EPA 3005A	1,6020B	NTB
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH ST
Lab Number: L2455026
Project Number: 41.0163097.00
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY
Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/26/24 11:27	09/27/24 07:52	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00167	J	mg/l	0.00200	0.00055	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Sodium, Dissolved	0.158		mg/l	0.100	0.0293	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/26/24 10:23	09/27/24 09:20	EPA 3005A	1,6020B	NTB

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

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: WG1976518-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	09/26/24 10:23	09/27/24 09:15	1,6020B	NTB

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: WG1976565-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	09/26/24 11:27	09/27/24 07:32	1,7470A	JWN

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

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): 01-02 Batch: WG1976581-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/26/24 10:17	09/27/24 07:53	1,6020B	NTB

Prep Information

Digestion Method: EPA 3005A

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

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: WG1976591-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/26/24 12:00	09/27/24 09:38	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1976518-2								
Aluminum, Dissolved	98		-		80-120	-		
Antimony, Dissolved	83		-		80-120	-		
Arsenic, Dissolved	100		-		80-120	-		
Barium, Dissolved	103		-		80-120	-		
Beryllium, Dissolved	106		-		80-120	-		
Cadmium, Dissolved	102		-		80-120	-		
Calcium, Dissolved	96		-		80-120	-		
Chromium, Dissolved	99		-		80-120	-		
Cobalt, Dissolved	101		-		80-120	-		
Copper, Dissolved	103		-		80-120	-		
Iron, Dissolved	104		-		80-120	-		
Lead, Dissolved	101		-		80-120	-		
Magnesium, Dissolved	102		-		80-120	-		
Manganese, Dissolved	99		-		80-120	-		
Nickel, Dissolved	102		-		80-120	-		
Potassium, Dissolved	104		-		80-120	-		
Selenium, Dissolved	98		-		80-120	-		
Silver, Dissolved	99		-		80-120	-		
Sodium, Dissolved	105		-		80-120	-		
Thallium, Dissolved	96		-		80-120	-		
Vanadium, Dissolved	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1976518-2					
Zinc, Dissolved	102	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1976565-2					
Mercury, Dissolved	86	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1976581-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	86	-	80-120	-	
Arsenic, Total	111	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	106	-	80-120	-	
Cadmium, Total	104	-	80-120	-	
Calcium, Total	88	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Cobalt, Total	110	-	80-120	-	
Copper, Total	115	-	80-120	-	
Iron, Total	113	-	80-120	-	
Lead, Total	100	-	80-120	-	
Magnesium, Total	100	-	80-120	-	
Manganese, Total	109	-	80-120	-	
Nickel, Total	112	-	80-120	-	
Potassium, Total	100	-	80-120	-	
Selenium, Total	104	-	80-120	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	103	-	80-120	-	
Thallium, Total	101	-	80-120	-	
Vanadium, Total	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1976581-2					
Zinc, Total	111	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1976591-2					
Mercury, Total	80	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1976518-3 QC Sample: L2453081-01 Client ID: MS Sample												
Aluminum, Dissolved	0.028	2	2.01	99		-	-		75-125	-		20
Antimony, Dissolved	0.0017J	0.5	0.4752	95		-	-		75-125	-		20
Arsenic, Dissolved	0.0003J	0.12	0.1210	101		-	-		75-125	-		20
Barium, Dissolved	0.5484	2	2.638	104		-	-		75-125	-		20
Beryllium, Dissolved	ND	0.05	0.05338	107		-	-		75-125	-		20
Cadmium, Dissolved	ND	0.053	0.05324	100		-	-		75-125	-		20
Calcium, Dissolved	28.6	10	41.0	124		-	-		75-125	-		20
Chromium, Dissolved	ND	0.2	0.1922	96		-	-		75-125	-		20
Cobalt, Dissolved	ND	0.5	0.5120	102		-	-		75-125	-		20
Copper, Dissolved	0.0004J	0.25	0.2598	104		-	-		75-125	-		20
Iron, Dissolved	0.0611	1	1.06	100		-	-		75-125	-		20
Lead, Dissolved	ND	0.53	0.5352	101		-	-		75-125	-		20
Magnesium, Dissolved	10.4	10	22.6	122		-	-		75-125	-		20
Manganese, Dissolved	0.02068	0.5	0.5091	98		-	-		75-125	-		20
Nickel, Dissolved	ND	0.5	0.4993	100		-	-		75-125	-		20
Potassium, Dissolved	2.08	10	12.7	106		-	-		75-125	-		20
Selenium, Dissolved	ND	0.12	0.112	93		-	-		75-125	-		20
Silver, Dissolved	ND	0.05	0.04887	98		-	-		75-125	-		20
Sodium, Dissolved	84.9	10	99.9	**150**	Q	-	-		75-125	-		20
Thallium, Dissolved	ND	0.12	0.1144	95		-	-		75-125	-		20
Vanadium, Dissolved	ND	0.5	0.4806	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

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: WG1976518-3 QC Sample: L2453081-01 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4956	99	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1976565-3 QC Sample: L2454319-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00434	87	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1976581-3 WG1976581-4 QC Sample: L2454227-06 Client ID: MS Sample												
Aluminum, Total	1.36	2	3.28	96		3.35	100		75-125	2		20
Antimony, Total	0.0011J	0.5	0.4414	88		0.4772	95		75-125	8		20
Barium, Total	0.1020	2	1.998	95		2.155	103		75-125	8		20
Beryllium, Total	ND	0.05	0.05009	100		0.05392	108		75-125	7		20
Cadmium, Total	0.00064	0.053	0.05117	95		0.05625	105		75-125	9		20
Calcium, Total	94.0	10	95.6	**16**	Q	100	**60**	Q	75-125	4		20
Chromium, Total	0.00396	0.2	0.2029	99		0.2132	105		75-125	5		20
Cobalt, Total	0.0025	0.5	0.5251	104		0.5500	110		75-125	5		20
Copper, Total	0.0075	0.25	0.2771	108		0.2918	114		75-125	5		20
Iron, Total	12.9	1	13.8	90		14.0	110		75-125	1		20
Magnesium, Total	16.0	10	21.5	**55**	Q	24.7	87		75-125	14		20
Manganese, Total	1.363	0.5	1.835	94		1.898	107		75-125	3		20
Nickel, Total	0.0074	0.5	0.5317	105		0.5609	111		75-125	5		20
Potassium, Total	9.51	10	15.1	**56**	Q	17.5	80		75-125	15		20
Silver, Total	0.00081	0.05	0.04902	96		0.05233	103		75-125	7		20
Sodium, Total	76.5	10	87.9	114		94.1	**176**	Q	75-125	7		20
Thallium, Total	0.0225	0.12	0.09265	**58**	Q	0.1239	84		75-125	**29**	Q	20
Vanadium, Total	0.0029J	0.5	0.4644	93		0.4976	100		75-125	7		20
Zinc, Total	0.0139	0.5	0.5389	105		0.5664	110		75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1976581-7 WG1976581-8 QC Sample: L2454227-06 Client ID: MS Sample											
Arsenic, Total	0.05808	0.06	0.1380	**133**	Q	0.1692	93	75-125	20		20
Lead, Total	0.1135	0.265	0.4233	117		0.5590	84	75-125	**28**	Q	20
Selenium, Total	0.0194	0.06	0.0939	124		0.134	96	75-125	**35**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1976591-3 WG1976591-4 QC Sample: L2454227-06 Client ID: MS Sample											
Mercury, Total	ND	0.005	0.00442	88		0.00418	84	75-125	6		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1976518-4 QC Sample: L2453081-01 Client ID: DUP Sample						
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	0.0611	0.0617	mg/l	1		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Manganese, Dissolved	0.02068	0.02067	mg/l	0		20
Potassium, Dissolved	2.08	2.13	mg/l	2		20
Sodium, Dissolved	84.9	86.4	mg/l	2		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1976565-4 QC Sample: L2454319-01 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2455026
Report Date: 09/27/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1976581-6 QC Sample: L2454227-06 Client ID: DUP Sample						
Arsenic, Total	0.05808	0.05902	mg/l	2		20
Barium, Total	0.1020	0.1004	mg/l	2		20
Lead, Total	0.1135	0.1111	mg/l	2		20

INORGANICS
&
MISCELLANEOUS

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-01
Client ID: MW-19
Sample Location: BRONX, NY

Date Collected: 09/24/24 07:55
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.005		mg/l	0.005	0.001	1	09/25/24 19:50	09/26/24 13:26	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

SAMPLE RESULTS

Lab ID: L2455026-02
Client ID: FB 2024-09-24
Sample Location: BRONX, NY

Date Collected: 09/24/24 08:20
Date Received: 09/24/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	09/25/24 19:50	09/26/24 13:27	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00
Lab Number: L2455026
Report Date: 09/27/24

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): 01-02 Batch: WG1976342-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	09/25/24 19:50	09/26/24 13:02	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH ST

Project Number: 41.0163097.00

Lab Number: L2455026

Report Date: 09/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1976342-2 WG1976342-3								
Cyanide, Total	96		96		85-115	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1976342-4 WG1976342-5 QC Sample: L2454707-06 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.201	100		0.202	101		80-120	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1976342-6 WG1976342-7 QC Sample: L2454707-08 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.203	102		0.202	101		80-120	0		20

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

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(*)
L2455026-01A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2455026-01B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2455026-01C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2455026-01D	Plastic 250ml HNO3 preserved	A	<2	<2	3.6	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2455026-01E	Plastic 250ml unpreserved	A	7	7	3.6	Y	Absent		-
L2455026-01G	Plastic 250ml NaOH preserved	A	>12	>12	3.6	Y	Absent		TCN-9010(14)
L2455026-01H	Amber 100ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455026-01I	Amber 100ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455026-01J	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455026-01K	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455026-01L	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455026-01M	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455026-01N	Amber 1000ml unpreserved	A	7	7	3.6	Y	Absent		HERB-APA(7)
L2455026-01O	Amber 1000ml unpreserved	A	7	7	3.6	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2455026-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.6	Y	Absent		V-6020S(180),CU-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),NA-6020S(180),BA-6020S(180),PB-6020S(180),NI-6020S(180),TL-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2455026-02A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2455026-02B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2455026-02C	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2455026-02D	Plastic 250ml HNO3 preserved	A	<2	<2	3.6	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2455026-02E	Plastic 250ml unpreserved	A	7	7	3.6	Y	Absent		-
L2455026-02G	Plastic 250ml NaOH preserved	A	>12	>12	3.6	Y	Absent		TCN-9010(14)
L2455026-02H	Amber 100ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455026-02I	Amber 100ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2455026-02J	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455026-02K	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455026-02L	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455026-02M	Amber 120ml unpreserved	A	7	7	3.6	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(365)
L2455026-02N	Amber 1000ml unpreserved	A	7	7	3.6	Y	Absent		HERB-APA(7)
L2455026-02O	Amber 1000ml unpreserved	A	7	7	3.6	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH ST
Project Number: 41.0163097.00

Lab Number: L2455026
Report Date: 09/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2455026-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.6	Y	Absent		SE-6020S(180),K-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),ZN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NA-6020S(180),BA-6020S(180),PB-6020S(180),TL-6020S(180),NI-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2455026-03A	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)
L2455026-03B	Vial HCl preserved	A	NA		3.6	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	SA 101 EAST 150TH ST	**Lab Number:**	L2455026
Project Number:	41.0163097.00	**Report Date:**	09/27/24

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:	SA 101 EAST 150TH ST	**Lab Number:**	L2455026
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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

Report Format: DU Report with 'J' Qualifiers

Project Name:	SA 101 EAST 150TH ST	**Lab Number:**	L2455026
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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.)

Project Name:	SA 101 EAST 150TH ST	**Lab Number:**	L2455026
Project Number:	41.0163097.00	**Report Date:**	09/27/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; 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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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, 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 of 1

Date Rec'd in Lab: 9/25/24

L2455026 **27SEP24**
GZA – NYC

Client Information

Client: GZA GeoEnvironmental
Address: 104 W 29th St
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@gza.com

Project Information

Project Name: SA 101 E 150th St
Project Location: Bronx, NY
Project # 41.0163097.00
(Use Project name as Project #) ☐
Project Manager: Reinbill Maniquez
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs + 10 TICs	TCL SVOCs + 20 TICs	TAL Metals (Total + Dissolved)	Total Cyanide	Mercury	Pesticides	PCBs	Herbicides	Total Bottle
55026 -01	MW-19	9/24/24	7:55	GW	JN	X	X	X	X	X	X	X	X	
-02	FB 2024-09-24	↓	8:20	W	↓	↓	↓	↓	↓	↓	↓	↓	↓	
-03	TB 2024-09-24	↓	-	W	↓	↓	↓	↓	↓	↓	↓	↓	↓	

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Jazlyn Natalie	9/24/24 17:00	Race	9/24/24 1700
Race	9/24/24 18:49	DAPE	9/24/24 1849
DAPE	9/24/24	Christi Race	09/25/24 ZRL
Christi RACE	9/25/24 0215		09125124-0215

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:	L2443498
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	SA 101 EAST 150TH
Project Number:	41.0163097.00
Report Date:	08/13/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2443498-01	MW-18	WATER	BRONX, NY	08/01/24 10:15	08/01/24
L2443498-02	MW-15	WATER	BRONX, NY	08/01/24 12:10	08/01/24
L2443498-03	MW-16	WATER	BRONX, NY	08/01/24 13:40	08/01/24
L2443498-04	FD-01	WATER	BRONX, NY	08/01/24 00:00	08/01/24
L2443498-05	FB 2024-08-01	WATER	BRONX, NY	08/01/24 13:25	08/01/24

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2443498
Project Number:	41.0163097.00	**Report Date:**	08/13/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	SA 101 EAST 150TH	**Lab Number:**	L2443498
Project Number:	41.0163097.00	**Report Date:**	08/13/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2443498-03 and -05: The collection time was obtained from the container labels.

Semivolatile Organics by SIM

The WG1956790-1 Method Blank, associated with L2443498-01, -03, and -05, has a concentration above the reporting limit for Naphthalene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1956790-1 Method Blank, associated with L2443498-02 and -04, has concentrations above the reporting limits for Naphthalene. The sample was re-extracted with the method required holding time exceeded and the method blank was non-detect for this target compound. The results of both extractions are reported. The original sample result is reported with a "B" qualifier.

Total Metals

The WG1955450-3/-4 MS/MSD recoveries for sodium (150%/130%), performed on L2443498-01, do not apply because the sample concentration is greater than four times the spike amount added.

Dissolved Metals

The WG1955485-4 MSD recoveries for calcium (55%) and sodium (50%), performed on L2443498-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Title: Technical Director/Representative Date: 08/13/24

ORGANICS

VOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY

Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/06/24 00:48
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	1.1		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	0.97	J	ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	1.7	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01 Date Collected: 08/01/24 10:15

Client ID: MW-18 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	2.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	1.4	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.4	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	3.2		ug/l	2.5	0.70	1
sec-Butylbenzene	2.1	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.2	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY
Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	5.6		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	4.0		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	7.6		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	105		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/06/24 01:13
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	1.0	J	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	0.76		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	1.2	J	ug/l	2.5	0.70	1
Ethylbenzene	160		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02 Date Collected: 08/01/24 12:10

Client ID: MW-15 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.9		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	3.6		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	3.6		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	3.8		ug/l	2.5	0.70	1
sec-Butylbenzene	7.5		ug/l	2.5	0.70	1
tert-Butylbenzene	1.5	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	56		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY
Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	75		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	8.7		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	3.0		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/06/24 01:38
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	0.90		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY
Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.30	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY
Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/06/24 02:03
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	1.0	J	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	0.76		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	1.2	J	ug/l	2.5	0.70	1
Ethylbenzene	150		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04 Date Collected: 08/01/24 00:00

Client ID: FD-01 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	4.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	3.5		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	3.5		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	3.8		ug/l	2.5	0.70	1
sec-Butylbenzene	7.3		ug/l	2.5	0.70	1
tert-Butylbenzene	1.4	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	54		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY
Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	72		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	8.5		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	3.2		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	92		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY
Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/05/24 21:04
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05 Date Collected: 08/01/24 13:25

Client ID: FB 2024-08-01 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05 Date Collected: 08/01/24 13:25

Client ID: FB 2024-08-01 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 20:39
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1955712-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 20:39
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1955712-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/05/24 20:39
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1955712-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1955712-3 WG1955712-4								
Methylene chloride	92		88		70-130	4		20
1,1-Dichloroethane	100		97		70-130	3		20
Chloroform	100		93		70-130	7		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		97		70-130	3		20
Dibromochloromethane	90		88		63-130	2		20
1,1,2-Trichloroethane	97		96		70-130	1		20
Tetrachloroethene	100		98		70-130	2		20
Chlorobenzene	96		93		75-130	3		20
Trichlorofluoromethane	110		100		62-150	10		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	97		96		67-130	1		20
trans-1,3-Dichloropropene	88		87		70-130	1		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	93		91		54-136	2		20
1,1,2,2-Tetrachloroethane	99		98		67-130	1		20
Benzene	100		90		70-130	11		20
Toluene	96		94		70-130	2		20
Ethylbenzene	100		97		70-130	3		20
Chloromethane	100		99		64-130	1		20
Bromomethane	71		64		39-139	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1955712-3 WG1955712-4								
Vinyl chloride	100		97		55-140	3		20
Chloroethane	96		89		55-138	8		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	99		94		70-130	5		20
Trichloroethene	92		94		70-130	2		20
1,2-Dichlorobenzene	96		94		70-130	2		20
1,3-Dichlorobenzene	96		93		70-130	3		20
1,4-Dichlorobenzene	95		92		70-130	3		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	98		93		70-130	5		20
Dibromomethane	100		97		70-130	3		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	120		110		70-130	9		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	94		88		36-147	7		20
Acetone	130		120		58-148	8		20
Carbon disulfide	100		98		51-130	2		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	100		100		59-130	0		20
2-Hexanone	110		110		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1955712-3 WG1955712-4								
Bromochloromethane	99		98		70-130	1		20
2,2-Dichloropropane	100		95		63-133	5		20
1,2-Dibromoethane	100		100		70-130	0		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	96		96		64-130	0		20
Bromobenzene	91		90		70-130	1		20
n-Butylbenzene	99		99		53-136	0		20
sec-Butylbenzene	100		98		70-130	2		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	95		94		70-130	1		20
p-Chlorotoluene	96		95		70-130	1		20
1,2-Dibromo-3-chloropropane	96		90		41-144	6		20
Hexachlorobutadiene	88		90		63-130	2		20
Isopropylbenzene	100		99		70-130	1		20
p-Isopropyltoluene	97		97		70-130	0		20
Naphthalene	96		94		70-130	2		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	98		97		70-130	1		20
1,2,4-Trichlorobenzene	96		94		70-130	2		20
1,3,5-Trimethylbenzene	99		98		64-130	1		20
1,2,4-Trimethylbenzene	94		99		70-130	5		20
1,4-Dioxane	130		122		56-162	6		20
p-Diethylbenzene	95		95		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1955712-3 WG1955712-4								
p-Ethyltoluene	100		98		70-130	2		20
1,2,4,5-Tetramethylbenzene	91		91		70-130	0		20
Ethyl ether	100		98		59-134	2		20
trans-1,4-Dichloro-2-butene	110		100		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		107		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	98		100		70-130
Dibromofluoromethane	101		100		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1955712-6 WG1955712-7 QC Sample: L2443498-01 Client ID: MW-18												
Methylene chloride	ND	10	8.4	84		9.1	91		70-130	8		20
1,1-Dichloroethane	ND	10	10	100		11	110		70-130	10		20
Chloroform	ND	10	9.0	90		9.8	98		70-130	9		20
Carbon tetrachloride	ND	10	11	110		12	120		63-132	9		20
1,2-Dichloropropane	ND	10	9.4	94		10	100		70-130	6		20
Dibromochloromethane	ND	10	8.6	86		9.0	90		63-130	5		20
1,1,2-Trichloroethane	ND	10	14	**140**	Q	15	**150**	Q	70-130	7		20
Tetrachloroethene	1.1	10	12	109		12	109		70-130	0		20
Chlorobenzene	ND	10	9.1	91		9.8	98		75-130	7		20
Trichlorofluoromethane	ND	10	11	110		11	110		62-150	0		20
1,2-Dichloroethane	ND	10	9.4	94		10	100		70-130	6		20
1,1,1-Trichloroethane	0.97J	10	11	110		12	120		67-130	9		20
Bromodichloromethane	ND	10	9.2	92		10	100		67-130	8		20
trans-1,3-Dichloropropene	ND	10	7.6	76		8.3	83		70-130	9		20
cis-1,3-Dichloropropene	ND	10	9.1	91		9.7	97		70-130	6		20
1,1-Dichloropropene	ND	10	10	100		11	110		70-130	10		20
Bromoform	ND	10	9.1	91		9.5	95		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	10	8.8	88		9.4	94		67-130	7		20
Benzene	ND	10	9.5	95		10	100		70-130	5		20
Toluene	ND	10	9.0	90		9.8	98		70-130	9		20
Ethylbenzene	1.7J	10	11	110		12	120		70-130	9		20
Chloromethane	ND	10	11	110		10	100		64-130	10		20
Bromomethane	ND	10	5.1	51		6.4	64		39-139	**23**	Q	20

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1955712-6 WG1955712-7 QC Sample: L2443498-01 Client ID: MW-18												
Vinyl chloride	ND	10	11	110		10	100		55-140	10		20
Chloroethane	ND	10	9.1	91		9.8	98		55-138	7		20
1,1-Dichloroethene	ND	10	10	100		11	110		61-145	10		20
trans-1,2-Dichloroethene	ND	10	9.5	95		10	100		70-130	5		20
Trichloroethene	2.1	10	11	89		12	99		70-130	9		20
1,2-Dichlorobenzene	ND	10	9.3	93		9.9	99		70-130	6		20
1,3-Dichlorobenzene	ND	10	9.2	92		9.9	99		70-130	7		20
1,4-Dichlorobenzene	ND	10	9.1	91		9.6	96		70-130	5		20
Methyl tert butyl ether	ND	10	9.7	97		10	100		63-130	3		20
p/m-Xylene	ND	20	19	95		21	105		70-130	10		20
o-Xylene	ND	20	19	95		21	105		70-130	10		20
cis-1,2-Dichloroethene	1.4J	10	11	110		11	110		70-130	0		20
Dibromomethane	ND	10	9.2	92		10	100		70-130	8		20
1,2,3-Trichloropropane	ND	10	8.6	86		9.4	94		64-130	9		20
Acrylonitrile	ND	10	10	100		11	110		70-130	10		20
Styrene	ND	20	19	95		20	100		70-130	5		20
Dichlorodifluoromethane	ND	10	9.1	91		8.8	88		36-147	3		20
Acetone	1.9J	10	12	120		13	130		58-148	8		20
Carbon disulfide	ND	10	9.4	94		10	100		51-130	6		20
2-Butanone	ND	10	13	130		14	**140**	Q	63-138	7		20
Vinyl acetate	ND	10	9.3	93		9.7	97		70-130	4		20
4-Methyl-2-pentanone	ND	10	9.6	96		10	100		59-130	4		20
2-Hexanone	ND	10	11	110		12	120		57-130	9		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1955712-6 WG1955712-7 QC Sample: L2443498-01 Client ID: MW-18												
Bromochloromethane	ND	10	10	100		10	100		70-130	0		20
2,2-Dichloropropane	ND	10	7.8	78		8.3	83		63-133	6		20
1,2-Dibromoethane	ND	10	9.5	95		10	100		70-130	5		20
1,3-Dichloropropane	ND	10	9.0	90		9.8	98		70-130	9		20
1,1,1,2-Tetrachloroethane	ND	10	9.3	93		10	100		64-130	7		20
Bromobenzene	ND	10	9.1	91		9.8	98		70-130	7		20
n-Butylbenzene	3.2	10	12	88		13	98		53-136	8		20
sec-Butylbenzene	2.1J	10	12	120		12	120		70-130	0		20
tert-Butylbenzene	ND	10	10	100		11	110		70-130	10		20
o-Chlorotoluene	ND	10	8.8	88		9.4	94		70-130	7		20
p-Chlorotoluene	ND	10	8.6	86		9.3	93		70-130	8		20
1,2-Dibromo-3-chloropropane	ND	10	8.9	89		9.5	95		41-144	7		20
Hexachlorobutadiene	ND	10	9.3	93		9.7	97		63-130	4		20
Isopropylbenzene	1.2J	10	11	110		12	120		70-130	9		20
p-Isopropyltoluene	ND	10	9.4	94		10	100		70-130	6		20
Naphthalene	ND	10	10	100		11	110		70-130	10		20
n-Propylbenzene	5.6	10	15	94		16	104		69-130	6		20
1,2,3-Trichlorobenzene	ND	10	9.8	98		10	100		70-130	2		20
1,2,4-Trichlorobenzene	ND	10	9.9	99		10	100		70-130	1		20
1,3,5-Trimethylbenzene	ND	10	9.2	92		9.9	99		64-130	7		20
1,2,4-Trimethylbenzene	ND	10	9.4	94		10	100		70-130	6		20
1,4-Dioxane	ND	500	520	104		550	110		56-162	6		20
p-Diethylbenzene	4.0	10	14	100		15	110		70-130	7		20

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1955712-6 WG1955712-7 QC Sample: L2443498-01 Client ID: MW-18												
p-Ethyltoluene	ND	10	9.4	94		10	100		70-130	6		20
1,2,4,5-Tetramethylbenzene	7.6	10	18	104		19	114		70-130	5		20
Ethyl ether	ND	10	8.9	89		9.9	99		59-134	11		20
trans-1,4-Dichloro-2-butene	ND	10	8.7	87		9.5	95		70-130	9		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	101		100		70-130
Toluene-d8	96		97		70-130

SEMIVOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY

Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 05:14
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY
Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.81	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	67		10-120
4-Terphenyl-d14	81		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY

Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 12:42
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443498
Project Number: 41.0163097.00
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY
Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	84		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 05:36
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY
Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	64		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 18:35
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	0.03	J	ug/l	0.50	0.02	1
Naphthalene	0.43	B	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.05	J	ug/l	0.10	0.03	1
Phenanthrene	0.05	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.09	J	ug/l	0.10	0.03	1
Pentachlorophenol	0.09	J	ug/l	0.80	0.06	1
Hexachlorobenzene	0.03	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443498
Project Number: 41.0163097.00
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY
Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	62		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02 RE
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/13/24 11:49
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/12/24 19:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.18		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02 RE
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	64		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 05:59
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03 Date Collected: 08/01/24 13:40

Client ID: MW-16 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.7	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	**139**	Q	23-120
2-Fluorobiphenyl	**132**	Q	15-120
2,4,6-Tribromophenol	**128**	Q	10-120
4-Terphenyl-d14	**154**	Q	41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 18:51
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03 Date Collected: 08/01/24 13:40

Client ID: MW-16 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	**180**	Q	23-120
2-Fluorobiphenyl	112		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	140		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 06:21
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY
Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	4.1	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	75		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 19:07
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.21	B	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04 Date Collected: 08/01/24 00:00

Client ID: FD-01 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	83		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04 RE
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/13/24 12:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/12/24 19:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.26		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04 RE
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	82		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/09/24 06:43
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY
Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	3.3	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	27		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	47		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	57		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 19:23
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	JB	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443498
Project Number: 41.0163097.00
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	74		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 01:30
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1956789-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 01:30
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1956789-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/09/24 01:30
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1956789-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	71		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 10:33
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG1956790-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.17		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03
Pentachlorophenol	0.18	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/09/24 10:33
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 07:42

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-05 Batch: WG1956790-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	79		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/13/24 11:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/12/24 19:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02,04 Batch: WG1958385-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/13/24 11:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/12/24 19:41

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02,04 Batch: WG1958385-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	73		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1956789-2 WG1956789-3								
Acenaphthene	81		62		37-111	27		30
1,2,4-Trichlorobenzene	61		47		39-98	26		30
Hexachlorobenzene	91		70		40-140	26		30
Bis(2-chloroethyl)ether	77		62		40-140	22		30
2-Chloronaphthalene	73		55		40-140	28		30
1,2-Dichlorobenzene	65		50		40-140	26		30
1,3-Dichlorobenzene	66		50		40-140	28		30
1,4-Dichlorobenzene	65		47		36-97	**32**	Q	30
3,3'-Dichlorobenzidine	78		62		40-140	23		30
2,4-Dinitrotoluene	89		71		48-143	23		30
2,6-Dinitrotoluene	83		66		40-140	23		30
Fluoranthene	88		70		40-140	23		30
4-Chlorophenyl phenyl ether	80		60		40-140	29		30
4-Bromophenyl phenyl ether	87		66		40-140	27		30
Bis(2-chloroisopropyl)ether	46		**35**	Q	40-140	27		30
Bis(2-chloroethoxy)methane	76		57		40-140	29		30
Hexachlorobutadiene	59		47		40-140	23		30
Hexachlorocyclopentadiene	50		**34**	Q	40-140	**38**	Q	30
Hexachloroethane	56		41		40-140	**31**	Q	30
Isophorone	80		61		40-140	27		30
Naphthalene	73		56		40-140	26		30
Nitrobenzene	76		58		40-140	27		30
NDPA/DPA	83		64		40-140	26		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1956789-2 WG1956789-3								
n-Nitrosodi-n-propylamine	69		57		29-132	19		30
Bis(2-ethylhexyl)phthalate	80		68		40-140	16		30
Butyl benzyl phthalate	89		68		40-140	27		30
Di-n-butylphthalate	91		72		40-140	23		30
Di-n-octylphthalate	88		70		40-140	23		30
Diethyl phthalate	83		62		40-140	29		30
Dimethyl phthalate	81		63		40-140	25		30
Benzo(a)anthracene	80		65		40-140	21		30
Benzo(a)pyrene	90		72		40-140	22		30
Benzo(b)fluoranthene	85		69		40-140	21		30
Benzo(k)fluoranthene	90		67		40-140	29		30
Chrysene	82		65		40-140	23		30
Acenaphthylene	80		61		45-123	27		30
Anthracene	93		70		40-140	28		30
Benzo(ghi)perylene	89		72		40-140	21		30
Fluorene	83		66		40-140	23		30
Phenanthrene	88		70		40-140	23		30
Dibenzo(a,h)anthracene	91		73		40-140	22		30
Indeno(1,2,3-cd)pyrene	87		72		40-140	19		30
Pyrene	91		72		26-127	23		30
Biphenyl	69		50		40-140	**32**	Q	30
4-Chloroaniline	56		43		40-140	26		30
2-Nitroaniline	98		72		52-143	**31**	Q	30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1956789-2 WG1956789-3								
3-Nitroaniline	91		74		25-145	21		30
4-Nitroaniline	98		71		51-143	**32**	Q	30
Dibenzofuran	80		63		40-140	24		30
2-Methylnaphthalene	72		53		40-140	30		30
1,2,4,5-Tetrachlorobenzene	63		46		2-134	**31**	Q	30
Acetophenone	78		62		39-129	23		30
2,4,6-Trichlorophenol	82		69		30-130	17		30
p-Chloro-m-cresol	86		69		23-97	22		30
2-Chlorophenol	85		67		27-123	24		30
2,4-Dichlorophenol	84		67		30-130	23		30
2,4-Dimethylphenol	79		60		30-130	27		30
2-Nitrophenol	85		69		30-130	21		30
4-Nitrophenol	48		39		10-80	21		30
2,4-Dinitrophenol	88		69		20-130	24		30
4,6-Dinitro-o-cresol	96		71		20-164	30		30
Pentachlorophenol	101		68		9-103	**39**	Q	30
Phenol	40		28		12-110	**35**	Q	30
2-Methylphenol	77		57		30-130	30		30
3-Methylphenol/4-Methylphenol	75		57		30-130	27		30
2,4,5-Trichlorophenol	93		67		30-130	**33**	Q	30
Benzoic Acid	48		48		10-164	0		30
Benzyl Alcohol	76		58		26-116	27		30
Carbazole	90		68		55-144	28		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1956789-2 WG1956789-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		40		21-120
Phenol-d6	38		29		10-120
Nitrobenzene-d5	70		53		23-120
2-Fluorobiphenyl	60		42		15-120
2,4,6-Tribromophenol	103		71		10-120
4-Terphenyl-d14	78		63		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG1956790-2 WG1956790-3								
Acenaphthene	80		67		40-140	18		40
2-Chloronaphthalene	64		56		40-140	13		40
Fluoranthene	90		76		40-140	17		40
Hexachlorobutadiene	48		41		40-140	16		40
Naphthalene	67		55		40-140	20		40
Benzo(a)anthracene	82		69		40-140	17		40
Benzo(a)pyrene	98		83		40-140	17		40
Benzo(b)fluoranthene	95		80		40-140	17		40
Benzo(k)fluoranthene	86		75		40-140	14		40
Chrysene	86		72		40-140	18		40
Acenaphthylene	74		65		40-140	13		40
Anthracene	91		78		40-140	15		40
Benzo(ghi)perylene	94		80		40-140	16		40
Fluorene	81		70		40-140	15		40
Phenanthrene	83		72		40-140	14		40
Dibenzo(a,h)anthracene	101		85		40-140	17		40
Indeno(1,2,3-cd)pyrene	106		89		40-140	17		40
Pyrene	89		75		40-140	17		40
2-Methylnaphthalene	69		59		40-140	16		40
Pentachlorophenol	87		78		40-140	11		40
Hexachlorobenzene	70		62		40-140	12		40
Hexachloroethane	59		50		40-140	17		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 Batch: WG1956790-2 WG1956790-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		45		21-120
Phenol-d6	40		33		10-120
Nitrobenzene-d5	93		80		23-120
2-Fluorobiphenyl	55		44		15-120
2,4,6-Tribromophenol	74		63		10-120
4-Terphenyl-d14	79		68		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 Batch: WG1958385-2 WG1958385-3								
Acenaphthene	59		62		40-140	5		40
2-Chloronaphthalene	53		57		40-140	7		40
Fluoranthene	69		75		40-140	8		40
Hexachlorobutadiene	44		50		40-140	13		40
Naphthalene	51		56		40-140	9		40
Benzo(a)anthracene	68		68		40-140	0		40
Benzo(a)pyrene	79		80		40-140	1		40
Benzo(b)fluoranthene	74		71		40-140	4		40
Benzo(k)fluoranthene	73		77		40-140	5		40
Chrysene	64		66		40-140	3		40
Acenaphthylene	62		67		40-140	8		40
Anthracene	70		73		40-140	4		40
Benzo(ghi)perylene	74		82		40-140	10		40
Fluorene	61		64		40-140	5		40
Phenanthrene	68		69		40-140	1		40
Dibenzo(a,h)anthracene	82		90		40-140	9		40
Indeno(1,2,3-cd)pyrene	82		88		40-140	7		40
Pyrene	68		75		40-140	10		40
2-Methylnaphthalene	53		57		40-140	7		40
Pentachlorophenol	82		84		40-140	2		40
Hexachlorobenzene	72		69		40-140	4		40
Hexachloroethane	45		52		40-140	14		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 Batch: WG1958385-2 WG1958385-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		51		21-120
Phenol-d6	34		37		10-120
Nitrobenzene-d5	70		76		23-120
2-Fluorobiphenyl	61		63		15-120
2,4,6-Tribromophenol	83		85		10-120
4-Terphenyl-d14	67		70		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1956789-4 WG1956789-5 QC Sample: L2443498-01 Client ID: MW-18												
1,2,4-Trichlorobenzene	ND	20	11	55		8.9	45		39-98	21		30
Bis(2-chloroethyl)ether	ND	20	15	75		12	60		40-140	22		30
1,2-Dichlorobenzene	ND	20	12	60		11	55		40-140	9		30
1,3-Dichlorobenzene	ND	20	12	60		10	50		40-140	18		30
1,4-Dichlorobenzene	ND	20	11	55		9.9	50		36-97	11		30
3,3'-Dichlorobenzidine	ND	20	12	60		11	55		40-140	9		30
2,4-Dinitrotoluene	ND	20	18	90		14	70		48-143	25		30
2,6-Dinitrotoluene	ND	20	16	80		14	70		40-140	13		30
4-Chlorophenyl phenyl ether	ND	20	16	80		13	65		40-140	21		30
4-Bromophenyl phenyl ether	ND	20	17	85		14	70		40-140	19		30
Bis(2-chloroisopropyl)ether	ND	20	8.8	44		7.3	**37**	Q	40-140	19		30
Bis(2-chloroethoxy)methane	ND	20	14	70		12	60		40-140	15		30
Hexachlorocyclopentadiene	ND	20	10.J	50		7.4J	**37**	Q	40-140	30		30
Isophorone	ND	20	14	70		12	60		40-140	15		30
Nitrobenzene	ND	20	15	75		12	60		40-140	22		30
NDPA/DPA	ND	20	17	85		13	65		40-140	27		30
n-Nitrosodi-n-propylamine	ND	20	13	65		12	60		29-132	8		30
Bis(2-ethylhexyl)phthalate	ND	20	17	85		14	70		40-140	19		30
Butyl benzyl phthalate	ND	20	19	95		15	75		40-140	24		30
Di-n-butylphthalate	ND	20	18	90		15	75		40-140	18		30
Di-n-octylphthalate	ND	20	18	90		15	75		40-140	18		30
Diethyl phthalate	ND	20	16	80		13	65		40-140	21		30
Dimethyl phthalate	ND	20	16	80		13	65		40-140	21		30

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1956789-4 WG1956789-5 QC Sample: L2443498-01 Client ID: MW-18												
Biphenyl	ND	20	13	65		11	55		40-140	17		30
4-Chloroaniline	ND	20	11	55		9.0	45		40-140	20		30
2-Nitroaniline	ND	20	19	95		16	80		52-143	17		30
3-Nitroaniline	ND	20	17	85		14	70		25-145	19		30
4-Nitroaniline	ND	20	18	90		15	75		51-143	18		30
Dibenzofuran	ND	20	16	80		13	65		40-140	21		30
1,2,4,5-Tetrachlorobenzene	ND	20	12	60		10	50		2-134	18		30
Acetophenone	ND	20	15	75		13	65		39-129	14		30
2,4,6-Trichlorophenol	ND	20	12	60		11	55		30-130	9		30
p-Chloro-m-cresol	ND	20	17	85		14	70		23-97	19		30
2-Chlorophenol	ND	20	13	65		12	60		27-123	8		30
2,4-Dichlorophenol	ND	20	13	65		13	65		30-130	0		30
2,4-Dimethylphenol	ND	20	13	65		12	60		30-130	8		30
2-Nitrophenol	ND	20	13	65		12	60		30-130	8		30
4-Nitrophenol	ND	20	6.9J	35		6.1J	31		10-80	12		30
2,4-Dinitrophenol	ND	20	12.J	60		12.J	60		20-130	0		30
4,6-Dinitro-o-cresol	ND	20	12	60		12	60		20-164	0		30
Phenol	0.81J	20	13	65		6.4	32		12-110	**68**	Q	30
2-Methylphenol	ND	20	14	70		13	65		30-130	7		30
3-Methylphenol/4-Methylphenol	ND	20	13	65		12	60		30-130	8		30
2,4,5-Trichlorophenol	ND	20	14	70		12	60		30-130	15		30
Benzoic Acid	ND	20	11.J	55		11.J	55		10-164	0		30
Benzyl Alcohol	ND	20	13	65		12	60		26-116	8		30

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1956789-4 WG1956789-5 QC Sample: L2443498-01 Client ID: MW-18												
Carbazole	ND	20	18	90		15	75		55-144	18		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	75		69		10-120
2-Fluorobiphenyl	64		55		15-120
2-Fluorophenol	39		40		21-120
4-Terphenyl-d14	78		64		41-149
Nitrobenzene-d5	66		58		23-120
Phenol-d6	31		32		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1956790-4 WG1956790-5 QC Sample: L2443498-01 Client ID: MW-18												
Acenaphthene	ND	20	17	85		15	75		40-140	13		40
2-Chloronaphthalene	ND	20	14	70		12	60		40-140	15		40
Fluoranthene	ND	20	20	100		17	85		40-140	16		40
Hexachlorobutadiene	ND	20	9.8	49		8.5	43		40-140	14		40
Naphthalene	ND	20	14	70		12	60		40-140	15		40
Benzo(a)anthracene	ND	20	18	90		15	75		40-140	18		40
Benzo(a)pyrene	ND	20	21	110		18	90		40-140	15		40
Benzo(b)fluoranthene	ND	20	20	100		16	80		40-140	22		40
Benzo(k)fluoranthene	ND	20	19	95		18	90		40-140	5		40
Chrysene	ND	20	18	90		15	75		40-140	18		40
Acenaphthylene	ND	20	16	80		14	70		40-140	13		40
Anthracene	ND	20	19	95		17	85		40-140	11		40
Benzo(ghi)perylene	ND	20	21	110		17	85		40-140	21		40
Fluorene	ND	20	17	85		15	75		40-140	13		40
Phenanthrene	ND	20	18	90		15	75		40-140	18		40
Dibenzo(a,h)anthracene	ND	20	21	110		18	90		40-140	15		40
Indeno(1,2,3-cd)pyrene	ND	20	23	120		19	95		40-140	19		40
Pyrene	ND	20	20	100		17	85		40-140	16		40
2-Methylnaphthalene	ND	20	14	70		13	65		40-140	7		40
Pentachlorophenol	ND	20	12	60		13	65		40-140	8		40
Hexachlorobenzene	ND	20	14	70		13	65		40-140	7		40
Hexachloroethane	ND	20	13	65		11	55		40-140	17		40

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1956790-4 WG1956790-5 QC Sample: L2443498-01 Client ID: MW-18												

Surrogate	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
2,4,6-Tribromophenol	63		61		10-120
2-Fluorobiphenyl	64		57		15-120
2-Fluorophenol	42		45		21-120
4-Terphenyl-d14	89		76		41-149
Nitrobenzene-d5	100		91		23-120
Phenol-d6	36		37		10-120

PCBS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY

Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/10/24 13:26
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 11:06
Cleanup Method: EPA 3665A
Cleanup Date: 08/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/10/24

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	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	150		30-150	A
Decachlorobiphenyl	**174**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	144		30-150	B
Decachlorobiphenyl	**172**	Q	30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/10/24 13:55
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 11:06
Cleanup Method: EPA 3665A
Cleanup Date: 08/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/10/24

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	**158**	Q	30-150	A
Decachlorobiphenyl	**163**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	148		30-150	B
Decachlorobiphenyl	**162**	Q	30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/10/24 14:04
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 11:06
Cleanup Method: EPA 3665A
Cleanup Date: 08/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/10/24

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	0.065	J	ug/l	0.071	0.061	1	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	0.065	J	ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**163**	Q	30-150	A
Decachlorobiphenyl	**175**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**151**	Q	30-150	B
Decachlorobiphenyl	**174**	Q	30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/10/24 14:13
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 11:06
Cleanup Method: EPA 3665A
Cleanup Date: 08/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/10/24

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	**158**	Q	30-150	A
Decachlorobiphenyl	**170**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	148		30-150	B
Decachlorobiphenyl	**169**	Q	30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/10/24 14:23
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 11:06
Cleanup Method: EPA 3665A
Cleanup Date: 08/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/10/24

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	**165**	Q	30-150	A
Decachlorobiphenyl	**152**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	**154**	Q	30-150	B
Decachlorobiphenyl	**159**	Q	30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/09/24 11:34
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 08/09/24 05:39
Cleanup Method: EPA 3665A
Cleanup Date: 08/09/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/09/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-05 Batch: WG1957223-1						
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	66		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

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 Batch: WG1957223-2 WG1957223-3									
Aroclor 1016	67		72		40-140	6		50	A
Aroclor 1260	63		69		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		69		30-150	A
Decachlorobiphenyl	70		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		66		30-150	B
Decachlorobiphenyl	75		78		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1957223-4 WG1957223-5 QC Sample: L2443498-01 Client ID: MW-18													
Aroclor 1016	ND	1.78	1.11	62		1.16	65		40-140	4		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	139		149		30-150	A
Decachlorobiphenyl	**153**	Q	**167**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	131		142		30-150	B
Decachlorobiphenyl	**153**	Q	**179**	Q	30-150	B

PESTICIDES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY

Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/09/24 00:19
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 08:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01 Date Collected: 08/01/24 10:15

Client ID: MW-18 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY

Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 08/08/24 08:41
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 15:49

Methylation Date: 08/07/24 21:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	62		30-150	A
DCAA	54		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/09/24 00:55
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 08:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH
Lab Number: L2443498
Project Number: 41.0163097.00
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 08/08/24 09:36
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 16:16

Methylation Date: 08/07/24 21:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	115		30-150	A
DCAA	95		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/09/24 01:06
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 08:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03 Date Collected: 08/01/24 13:40

Client ID: MW-16 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 08/08/24 09:55
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 16:16

Methylation Date: 08/07/24 21:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	120		30-150	A
DCAA	104		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/09/24 01:18
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 08:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04 Date Collected: 08/01/24 00:00

Client ID: FD-01 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 08/08/24 10:13
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 16:16

Methylation Date: 08/07/24 21:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	113		30-150	A
DCAA	95		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/09/24 01:30
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 08:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05 Date Collected: 08/01/24 13:25

Client ID: FB 2024-08-01 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 08/08/24 10:31
Analyst: PEG

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 16:16

Methylation Date: 08/07/24 21:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	119		30-150	A
DCAA	102		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 08/06/24 12:44
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 15:49

Methylation Date: 08/06/24 07:58

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1955132-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	96		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/08/24 22:43
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 08:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1956834-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/08/24 22:43
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/08/24 08:44

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-05 Batch: WG1956834-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	70		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

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: WG1955132-2 WG1955132-3									
2,4-D	105		94		30-150	11		25	A
2,4,5-T	109		98		30-150	11		25	A
2,4,5-TP (Silvex)	104		92		30-150	12		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	109		97		30-150	A
DCAA	124		110		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1956834-2 WG1956834-3									
Delta-BHC	64		72		30-150	11		20	A
Lindane	66		73		30-150	10		20	A
Alpha-BHC	68		75		30-150	11		20	A
Beta-BHC	68		73		30-150	6		20	A
Heptachlor	67		74		30-150	10		20	A
Aldrin	62		72		30-150	14		20	A
Heptachlor epoxide	66		74		30-150	11		20	A
Endrin	68		77		30-150	12		20	A
Endrin aldehyde	59		66		30-150	10		20	A
Endrin ketone	71		78		30-150	10		20	A
Dieldrin	73		82		30-150	12		20	A
4,4'-DDE	62		71		30-150	14		20	A
4,4'-DDD	71		80		30-150	12		20	A
4,4'-DDT	65		73		30-150	11		20	A
Endosulfan I	65		74		30-150	12		20	A
Endosulfan II	71		78		30-150	10		20	A
Endosulfan sulfate	70		77		30-150	9		20	A
Methoxychlor	71		78		30-150	9		20	A
cis-Chlordane	61		70		30-150	14		20	A
trans-Chlordane	74		84		30-150	12		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 Batch: WG1956834-2 WG1956834-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		74		30-150	A
Decachlorobiphenyl	54		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		70		30-150	B
Decachlorobiphenyl	59		67		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1955132-4 WG1955132-5 QC Sample: L2443498-01 Client ID: MW-18													
2,4-D	ND	5	6.31J	126		6.86J	137		30-150	8		25	A
2,4,5-T	ND	5	6.63	133		7.50	150		30-150	12		25	A
2,4,5-TP (Silvex)	ND	5	6.50	130		7.04	141		30-150	8		25	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	116		126		30-150	A
DCAA	**314**	Q	**376**	Q	30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1956834-6 WG1956834-7 QC Sample: L2443498-01 Client ID: MW-18													
Delta-BHC	ND	0.357	0.202	57		0.208	58		30-150	3		30	A
Lindane	ND	0.357	0.187	52		0.205	57		30-150	9		30	A
Alpha-BHC	ND	0.357	0.184	52		0.202	57		30-150	9		30	A
Beta-BHC	ND	0.357	0.202	57		0.210	59		30-150	4		30	A
Heptachlor	ND	0.357	0.186	52		0.204	57		30-150	9		30	A
Aldrin	ND	0.357	0.178	50		0.191	54		30-150	7		30	A
Heptachlor epoxide	ND	0.357	0.198	55		0.210	59		30-150	6		30	A
Endrin	ND	0.357	0.214	60		0.224	63		30-150	5		30	A
Endrin aldehyde	ND	0.357	0.198	55		0.199	56		30-150	1		30	A
Endrin ketone	ND	0.357	0.231	65		0.232	65		30-150	0		30	A
Dieldrin	ND	0.357	0.225	63		0.235	66		30-150	4		30	A
4,4'-DDE	ND	0.357	0.194	54		0.200	56		30-150	3		30	A
4,4'-DDD	ND	0.357	0.228	64		0.231	65		30-150	1		30	A
4,4'-DDT	ND	0.357	0.211	59		0.216	60		30-150	2		30	A
Endosulfan I	ND	0.357	0.199	56		0.210	59		30-150	5		30	A
Endosulfan II	ND	0.357	0.225	63		0.230	64		30-150	2		30	A
Endosulfan sulfate	ND	0.357	0.234	66		0.236	66		30-150	1		30	A
Methoxychlor	ND	0.357	0.238	67		0.235	66		30-150	1		30	A
cis-Chlordane	ND	0.357	0.192	54		0.196	55		30-150	2		30	A
trans-Chlordane	ND	0.357	0.223	62		0.234	66		30-150	5		30	A

Matrix Spike Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1956834-6 WG1956834-7 QC Sample: L2443498-01 Client ID: MW-18												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		52		30-150	A
Decachlorobiphenyl	51		46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		61		30-150	B
Decachlorobiphenyl	68		64		30-150	B

METALS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.118		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00262		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Barium, Total	0.05459		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Calcium, Total	63.3		mg/l	0.100	0.0394	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00027	J	mg/l	0.00100	0.00017	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00077		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Copper, Total	0.00065	J	mg/l	0.00100	0.00038	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Iron, Total	1.08		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Lead, Total	0.00043	J	mg/l	0.00100	0.00034	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Magnesium, Total	8.56		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Manganese, Total	1.286		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 10:27	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00063	J	mg/l	0.00200	0.00055	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Potassium, Total	5.29		mg/l	0.100	0.0309	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Sodium, Total	133.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/07/24 16:00	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0129		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00132		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.05316		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH
Lab Number: L2443498
Project Number: 41.0163097.00
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY
Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	63.7		mg/l	0.100	0.0394	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00071		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00043	J	mg/l	0.00100	0.00038	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.147		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	8.35		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	1.247		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 10:49	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	5.19		mg/l	0.100	0.0309	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	132.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/07/24 17:05	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.276		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.02351		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Barium, Total	0.1494		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Calcium, Total	69.0		mg/l	0.100	0.0394	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00046	J	mg/l	0.00100	0.00017	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00224		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Copper, Total	0.00072	J	mg/l	0.00100	0.00038	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Iron, Total	13.5		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Lead, Total	0.00079	J	mg/l	0.00100	0.00034	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Magnesium, Total	8.09		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Manganese, Total	1.848		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 14:27	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00120	J	mg/l	0.00200	0.00055	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Potassium, Total	6.02		mg/l	0.100	0.0309	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Sodium, Total	140.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/08/24 09:18	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0243		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	0.00512		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Barium, Dissolved	0.08465		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Calcium, Dissolved	74.1		mg/l	0.100	0.0394	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	0.00208		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Iron, Dissolved	1.17		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Magnesium, Dissolved	7.96		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	1.761		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 11:09	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00078	J	mg/l	0.00200	0.00055	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Potassium, Dissolved	5.55		mg/l	0.100	0.0309	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Sodium, Dissolved	156.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/08/24 12:23	EPA 3005A	1,6020B	MRC

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.199		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00030	J	mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Barium, Total	0.06352		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00015	J	mg/l	0.00020	0.00005	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Calcium, Total	96.3		mg/l	0.100	0.0394	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00084	J	mg/l	0.00100	0.00017	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00069		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Copper, Total	0.00106		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Iron, Total	0.267		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Lead, Total	0.00078	J	mg/l	0.00100	0.00034	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Magnesium, Total	13.6		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Manganese, Total	5.521		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 14:31	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00068	J	mg/l	0.00200	0.00055	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Potassium, Total	5.51		mg/l	0.100	0.0309	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Sodium, Total	188.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/08/24 09:22	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00908	J	mg/l	0.0100	0.00327	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	0.00025	J	mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Barium, Dissolved	0.06456		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC

Project Name: SA 101 EAST 150TH
Lab Number: L2443498
Project Number: 41.0163097.00
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY
Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00018	J	mg/l	0.00020	0.00005	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Calcium, Dissolved	106.		mg/l	0.100	0.0394	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	0.00055		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Copper, Dissolved	0.00060	J	mg/l	0.00100	0.00038	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Magnesium, Dissolved	13.4		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	5.764		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 11:12	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Potassium, Dissolved	5.54		mg/l	0.100	0.0309	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Sodium, Dissolved	207.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/08/24 12:27	EPA 3005A	1,6020B	MRC

Project Name: SA 101 EAST 150TH **Lab Number:** L2443498

Project Number: 41.0163097.00 **Report Date:** 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04 Date Collected: 08/01/24 00:00

Client ID: FD-01 Date Received: 08/01/24

Sample Location: BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0186		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.01612		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Barium, Total	0.1101		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Calcium, Total	63.7		mg/l	0.100	0.0394	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00205		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Iron, Total	9.47		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Magnesium, Total	7.75		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Manganese, Total	1.926		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 14:34	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00068	J	mg/l	0.00200	0.00055	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Potassium, Total	5.35		mg/l	0.100	0.0309	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Sodium, Total	135.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/08/24 09:27	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00464	J	mg/l	0.0100	0.00327	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	0.00515		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Barium, Dissolved	0.08063		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC

Project Name: SA 101 EAST 150TH
Lab Number: L2443498
Project Number: 41.0163097.00
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY
Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Calcium, Dissolved	70.2		mg/l	0.100	0.0394	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	0.00189		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Iron, Dissolved	1.01		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Magnesium, Dissolved	7.79		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	1.686		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 11:15	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00073	J	mg/l	0.00200	0.00055	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Potassium, Dissolved	5.46		mg/l	0.100	0.0309	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Sodium, Dissolved	146.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/08/24 12:32	EPA 3005A	1,6020B	MRC

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Barium, Total	0.00017	J	mg/l	0.00050	0.00017	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 14:37	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/08/24 08:44	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 11:19	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Sodium, Dissolved	0.0343	J	mg/l	0.100	0.0293	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/08/24 13:08	EPA 3005A	1,6020B	MRC

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

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 Batch: WG1955450-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Sodium, Total	0.0913	J	mg/l	0.100	0.0293	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/07/24 16:33	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): 01-05 Batch: WG1955453-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 10:20	1,7470A	JWN

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

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): 01-05 Batch: WG1955485-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Calcium, Dissolved	0.0601	J	mg/l	0.100	0.0394	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Sodium, Dissolved	0.0628	J	mg/l	0.100	0.0293	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

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): 01-05 Batch: WG1955487-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 10:42	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1955450-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	95		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	97		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	109		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	105		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	106		-		80-120	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	113		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	92		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1955450-2					
Zinc, Total	92	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1955453-2					
Mercury, Total	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1955485-2					
Aluminum, Dissolved	108	-	80-120	-	
Antimony, Dissolved	88	-	80-120	-	
Arsenic, Dissolved	102	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Beryllium, Dissolved	108	-	80-120	-	
Cadmium, Dissolved	101	-	80-120	-	
Calcium, Dissolved	93	-	80-120	-	
Chromium, Dissolved	96	-	80-120	-	
Cobalt, Dissolved	100	-	80-120	-	
Copper, Dissolved	98	-	80-120	-	
Iron, Dissolved	106	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Magnesium, Dissolved	105	-	80-120	-	
Manganese, Dissolved	104	-	80-120	-	
Nickel, Dissolved	99	-	80-120	-	
Potassium, Dissolved	102	-	80-120	-	
Selenium, Dissolved	106	-	80-120	-	
Silver, Dissolved	105	-	80-120	-	
Sodium, Dissolved	113	-	80-120	-	
Thallium, Dissolved	99	-	80-120	-	
Vanadium, Dissolved	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1955485-2					
Zinc, Dissolved	88	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 Batch: WG1955487-2					
Mercury, Dissolved	90	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

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): 01-05 QC Batch ID: WG1955450-3 WG1955450-4 QC Sample: L2443498-01 Client ID: MW-18												
Aluminum, Total	0.118	2	2.42	115		2.34	111		75-125	3		20
Antimony, Total	ND	0.5	0.4804	96		0.4876	98		75-125	1		20
Arsenic, Total	0.00262	0.12	0.1332	109		0.1343	110		75-125	1		20
Barium, Total	0.05459	2	2.176	106		2.161	105		75-125	1		20
Beryllium, Total	ND	0.05	0.05518	110		0.05472	109		75-125	1		20
Cadmium, Total	ND	0.053	0.05488	104		0.05468	103		75-125	0		20
Calcium, Total	63.3	10	75.0	117		72.9	96		75-125	3		20
Chromium, Total	0.00027J	0.2	0.2015	101		0.1992	100		75-125	1		20
Cobalt, Total	0.00077	0.5	0.5259	105		0.5199	104		75-125	1		20
Copper, Total	0.00065J	0.25	0.2624	105		0.2575	103		75-125	2		20
Iron, Total	1.08	1	2.17	109		2.12	104		75-125	2		20
Lead, Total	0.00043J	0.53	0.5519	104		0.5438	103		75-125	1		20
Magnesium, Total	8.56	10	20.0	114		19.4	108		75-125	3		20
Manganese, Total	1.286	0.5	1.851	113		1.828	108		75-125	1		20
Nickel, Total	0.00063J	0.5	0.5155	103		0.5153	103		75-125	0		20
Potassium, Total	5.29	10	15.8	105		15.8	105		75-125	0		20
Selenium, Total	ND	0.12	0.127	106		0.124	103		75-125	2		20
Silver, Total	ND	0.05	0.05417	108		0.05321	106		75-125	2		20
Sodium, Total	133.	10	148	**150**	Q	146	**130**	Q	75-125	1		20
Thallium, Total	ND	0.12	0.1208	101		0.1198	100		75-125	1		20
Vanadium, Total	ND	0.5	0.4600	92		0.4620	92		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

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 QC Batch ID: WG1955450-3 WG1955450-4 QC Sample: L2443498-01 Client ID: MW-18									
Zinc, Total	ND	0.5	0.4644	93	0.4585	92	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1955453-3 WG1955453-4 QC Sample: L2443498-01 Client ID: MW-18									
Mercury, Total	ND	0.005	0.00476	95	0.00473	95	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

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): 01-05 QC Batch ID: WG1955485-3 WG1955485-4 QC Sample: L2443498-01 Client ID: MW-18										
Aluminum, Dissolved	0.0129	2	2.24	111	2.15	107		75-125	4	20
Antimony, Dissolved	ND	0.5	0.5293	106	0.5088	102		75-125	4	20
Arsenic, Dissolved	0.00132	0.12	0.1283	106	0.1243	102		75-125	3	20
Barium, Dissolved	0.05316	2	2.148	105	2.058	100		75-125	4	20
Beryllium, Dissolved	ND	0.05	0.05415	108	0.05224	104		75-125	4	20
Cadmium, Dissolved	ND	0.053	0.05368	101	0.05235	99		75-125	3	20
Calcium, Dissolved	63.7	10	71.5	78	69.2	**55**	Q	75-125	3	20
Chromium, Dissolved	ND	0.2	0.1977	99	0.1905	95		75-125	4	20
Cobalt, Dissolved	0.00071	0.5	0.5114	102	0.4977	99		75-125	3	20
Copper, Dissolved	0.00043J	0.25	0.2470	99	0.2464	98		75-125	0	20
Iron, Dissolved	0.147	1	1.23	108	1.16	101		75-125	6	20
Lead, Dissolved	ND	0.53	0.5453	103	0.5265	99		75-125	4	20
Magnesium, Dissolved	8.35	10	19.0	106	18.4	100		75-125	3	20
Manganese, Dissolved	1.247	0.5	1.789	108	1.715	94		75-125	4	20
Nickel, Dissolved	ND	0.5	0.5094	102	0.4985	100		75-125	2	20
Potassium, Dissolved	5.19	10	15.5	103	14.8	96		75-125	5	20
Selenium, Dissolved	ND	0.12	0.128	107	0.122	102		75-125	5	20
Silver, Dissolved	ND	0.05	0.05326	106	0.05162	103		75-125	3	20
Sodium, Dissolved	132.	10	144	120	137	**50**	Q	75-125	5	20
Thallium, Dissolved	ND	0.12	0.1199	100	0.1167	97		75-125	3	20
Vanadium, Dissolved	ND	0.5	0.4592	92	0.4473	89		75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

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): 01-05 QC Batch ID: WG1955485-3 WG1955485-4 QC Sample: L2443498-01 Client ID: MW-18									
Zinc, Dissolved	ND	0.5	0.4476	90	0.4366	87	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1955487-3 WG1955487-4 QC Sample: L2443498-01 Client ID: MW-18									
Mercury, Dissolved	ND	0.005	0.00450	90	0.00435	87	75-125	3	20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2443498
Report Date: 08/13/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1955450-6 QC Sample: L2443498-01 Client ID: MW-18						
Barium, Total	0.05459	0.05466	mg/l	0		20
Calcium, Total	63.3	62.8	mg/l	1		20
Magnesium, Total	8.56	8.38	mg/l	2		20
Manganese, Total	1.286	1.274	mg/l	1		20
Potassium, Total	5.29	5.02	mg/l	5		20
Sodium, Total	133.	130.	mg/l	2		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-05 QC Batch ID: WG1955485-6 QC Sample: L2443498-01 Client ID: MW-18						
Barium, Dissolved	0.05316	0.05192	mg/l	2		20
Calcium, Dissolved	63.7	61.6	mg/l	3		20
Magnesium, Dissolved	8.35	8.16	mg/l	2		20
Manganese, Dissolved	1.247	1.238	mg/l	1		20
Potassium, Dissolved	5.19	5.09	mg/l	2		20
Sodium, Dissolved	132.	128.	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-01
Client ID: MW-18
Sample Location: BRONX, NY

Date Collected: 08/01/24 10:15
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	08/05/24 15:30	08/06/24 13:30	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-02
Client ID: MW-15
Sample Location: BRONX, NY

Date Collected: 08/01/24 12:10
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/06/24 11:35	08/06/24 15:38	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-03
Client ID: MW-16
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:40
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.003	J	mg/l	0.005	0.001	1	08/06/24 11:35	08/06/24 15:39	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-04
Client ID: FD-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 00:00
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/06/24 11:35	08/06/24 15:42	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

SAMPLE RESULTS

Lab ID: L2443498-05
Client ID: FB 2024-08-01
Sample Location: BRONX, NY

Date Collected: 08/01/24 13:25
Date Received: 08/01/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/06/24 11:35	08/06/24 15:43	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443498
Report Date: 08/13/24

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 Batch: WG1955420-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/05/24 15:30	08/06/24 12:35	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 02-05 Batch: WG1955804-1										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	08/06/24 11:35	08/06/24 15:18	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443498

Report Date: 08/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1955420-2 WG1955420-3								
Cyanide, Total	102		102		85-115	0		20
General Chemistry - Westborough Lab Associated sample(s): 02-05 Batch: WG1955804-2 WG1955804-3								
Cyanide, Total	94		86		85-115	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

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 QC Batch ID: WG1955420-4 WG1955420-5 QC Sample: L2443482-01 Client ID: MS Sample												
Cyanide, Total	0.003J	0.2	0.193	96		0.204	102		80-120	5		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1955420-6 WG1955420-7 QC Sample: L2443498-01 Client ID: MW-18												
Cyanide, Total	0.002J	0.2	0.195	98		0.198	99		80-120	2		20
General Chemistry - Westborough Lab Associated sample(s): 02-05 QC Batch ID: WG1955804-4 WG1955804-5 QC Sample: L2443482-02 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.195	98		0.207	104		80-120	6		20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

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(*)
L2443498-01A	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01A1	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01A2	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01B	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01B1	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01B2	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01C	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01C1	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01C2	Vial HCl preserved	B	NA		4.2	Y	Absent		NYTCL-8260(14)
L2443498-01D	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-01D1	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-01D2	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-01E	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-01E1	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-01E2	Amber 100ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-01F	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2443498-01F1	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2443498-01F2	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2443498-01G	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8081(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443498-01G1	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2443498-01G2	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8081(7)
L2443498-01H	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2443498-01H1	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2443498-01H2	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2443498-01J	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2443498-01J1	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2443498-01J2	Amber 120ml unpreserved	B	7	7	4.2	Y	Absent		NYTCL-8082-LVI(365)
L2443498-01K	Plastic 250ml NaOH preserved	B	>12	>12	4.2	Y	Absent		TCN-9010(14)
L2443498-01K1	Plastic 250ml NaOH preserved	B	>12	>12	4.2	Y	Absent		TCN-9010(14)
L2443498-01K2	Plastic 250ml NaOH preserved	B	>12	>12	4.2	Y	Absent		TCN-9010(14)
L2443498-01L	Plastic 250ml unpreserved	B	7	7	4.2	Y	Absent		-
L2443498-01L1	Plastic 250ml unpreserved	B	7	7	4.2	Y	Absent		-
L2443498-01L2	Plastic 250ml unpreserved	B	7	7	4.2	Y	Absent		-
L2443498-01M	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2443498-01M1	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2443498-01M2	Plastic 250ml HNO3 preserved	B	<2	<2	4.2	Y	Absent		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2443498-01N	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443498-01N1	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HERB-APA(7)
L2443498-01N2	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HERB-APA(7)
L2443498-01O	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HERB-APA(7)
L2443498-01O1	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HERB-APA(7)
L2443498-01O2	Amber 1000ml unpreserved	B	7	7	4.2	Y	Absent		HERB-APA(7)
L2443498-01X	Plastic 120ml HNO3 preserved Filtrates	B	NA		4.2	Y	Absent		SE-6020S(180),CU-6020S(180),K-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NI-6020S(180),PB-6020S(180),NA-6020S(180),TL-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),CD-6020S(180),AL-6020S(180)
L2443498-02A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2443498-02B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2443498-02C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2443498-02D	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-02E	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-02F	Amber 120ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2443498-02G	Amber 120ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2443498-02H	Amber 120ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2443498-02J	Amber 120ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2443498-02K	Plastic 250ml NaOH preserved	A	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2443498-02L	Plastic 250ml unpreserved	A	7	7	2.5	Y	Absent		-
L2443498-02M	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		FE-6020T(180),TL-6020T(180),SE-6020T(180),BA-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2443498-02N	Amber 1000ml unpreserved	A	7	7	2.5	Y	Absent		HERB-APA(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(*)
L2443498-02O	Amber 1000ml unpreserved	A	7	7	2.5	Y	Absent		HERB-APA(7)
L2443498-02X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.5	Y	Absent		CU-6020S(180),V-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),NI-6020S(180),NA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2443498-03A	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2443498-03B	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2443498-03C	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2443498-03D	Amber 100ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-03E	Amber 100ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-03F	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2443498-03G	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2443498-03H	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2443498-03J	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2443498-03K	Plastic 250ml NaOH preserved	C	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2443498-03L	Plastic 250ml unpreserved	C	7	7	2.6	Y	Absent		-
L2443498-03M	Plastic 250ml HNO3 preserved	C	<2	<2	2.6	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2443498-03N	Amber 1000ml unpreserved	C	7	7	2.6	Y	Absent		HERB-APA(7)
L2443498-03O	Amber 1000ml unpreserved	C	7	7	2.6	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

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Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443498-03X	Plastic 120ml HNO3 preserved Filtrates	C	NA		2.6	Y	Absent		K-6020S(180),V-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),BE-6020S(180),ZN-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),TL-6020S(180),PB-6020S(180),NI-6020S(180),BA-6020S(180),NA-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),HG-S(28),AL-6020S(180),CD-6020S(180)
L2443498-04A	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2443498-04B	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2443498-04C	Vial HCl preserved	A	NA		2.5	Y	Absent		NYTCL-8260(14)
L2443498-04D	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-04E	Amber 100ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-04F	Amber 120ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2443498-04G	Amber 120ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8081(7)
L2443498-04H	Amber 120ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2443498-04J	Amber 120ml unpreserved	A	7	7	2.5	Y	Absent		NYTCL-8082-LVI(365)
L2443498-04K	Plastic 250ml NaOH preserved	A	>12	>12	2.5	Y	Absent		TCN-9010(14)
L2443498-04L	Plastic 250ml unpreserved	A	7	7	2.5	Y	Absent		-
L2443498-04M	Plastic 250ml HNO3 preserved	A	<2	<2	2.5	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2443498-04N	Amber 1000ml unpreserved	A	7	7	2.5	Y	Absent		HERB-APA(7)
L2443498-04O	Amber 1000ml unpreserved	A	7	7	2.5	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

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Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443498-04X	Plastic 120ml HNO3 preserved Filtrates	A	NA		2.5	Y	Absent		V-6020S(180),SE-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2443498-05A	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2443498-05B	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2443498-05C	Vial HCl preserved	C	NA		2.6	Y	Absent		NYTCL-8260(14)
L2443498-05D	Amber 100ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-05E	Amber 100ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443498-05F	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2443498-05G	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8081(7)
L2443498-05H	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2443498-05J	Amber 120ml unpreserved	C	7	7	2.6	Y	Absent		NYTCL-8082-LVI(365)
L2443498-05K	Plastic 250ml NaOH preserved	C	>12	>12	2.6	Y	Absent		TCN-9010(14)
L2443498-05L	Plastic 250ml unpreserved	C	7	7	2.6	Y	Absent		-
L2443498-05M	Plastic 250ml HNO3 preserved	C	<2	<2	2.6	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2443498-05N	Amber 1000ml unpreserved	C	7	7	2.6	Y	Absent		HERB-APA(7)
L2443498-05O	Amber 1000ml unpreserved	C	7	7	2.6	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443498
Report Date: 08/13/24

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2443498-05X	Plastic 120ml HNO3 preserved Filtrates	C	NA		2.6	Y	Absent		K-6020S(180),V-6020S(180),CU-6020S(180),SE-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),NI-6020S(180),BA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2443498
Project Number:	41.0163097.00	**Report Date:**	08/13/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443498
Project Number:	41.0163097.00	**Report Date:**	08/13/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443498
Project Number:	41.0163097.00	**Report Date:**	08/13/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443498
Project Number:	41.0163097.00	**Report Date:**	08/13/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; 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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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, 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.

Serial_No:08132416:40

L2443498 08AUG24
GZA – NYC

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193
Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 8/2/24

Client Information
Client: GZA GeoEnvironmental
Address: 104 W 29th St
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@gza.com

Project Information
Project Name: SA 101 E 150th
Project Location: Bronx, NY
Project # 41.0163097.00
(Use Project name as Project #) ☐
Project Manager: Reinbill Maniquez
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Lab filtration for Dissolved TAL Metals

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 VOCs + 10 TICs	TCL SVOCs + 20 TICs	TAL Metals (Total + Dissolved)	Total Cyanide	Mercury	Pesticides	PCBs	Herbicides	Sample Specific Comments	Total Bottle
43498 -01	MW-18	8/1/24	10:15	GW	YH	X	X	X	X	X	X	X	X		
~~-02~~	MW-18-MS		10:20												
↓	MW-18-MSD		10:25												
-02	MW-15		12:10												
-03	MW-16														
-04	FD-01		-	↓											
-05	FB 2024-08-01			W											
	~~FB 2024-08-01~~ (YH)	↓	-		↓	↓	↓	↓	↓	↓	↓	↓	↓		

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
Yunmee Hav	8/1/24 4:00	JT Pace	8/1 16:20
JT Pace	8/1 17:10		8/1/24 18:35
	8/1/24		RR 2200
	8/2 0300		8/2 0:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2443213
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	SA 101 EAST 150TH
Project Number:	41.0163097.00
Report Date:	08/08/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2443213-01	MW-14	WATER	101 EAST 150TH ST., BRONX, NY	07/31/24 11:50	07/31/24

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2443213
Project Number:	41.0163097.00	**Report Date:**	08/08/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	SA 101 EAST 150TH	**Lab Number:**	L2443213
Project Number:	41.0163097.00	**Report Date:**	08/08/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2443213-01: Sample containers for PCBs analysis were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.

Semivolatile Organics

The WG1955747-3 LCSD recovery, associated with L2443213-01, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated sample 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: 08/08/24

ORGANICS

VOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 11:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/02/24 14:50
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	0.36	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
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	22		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443213

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01 Date Collected: 07/31/24 11:50

Client ID: MW-14 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	28		ug/l	2.5	0.70	1
o-Xylene	30		ug/l	2.5	0.70	1
Xylenes, Total	58		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.1		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	9.1		ug/l	2.5	0.70	1
sec-Butylbenzene	6.1		ug/l	2.5	0.70	1
tert-Butylbenzene	0.76	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	20		ug/l	2.5	0.70	1
p-Isopropyltoluene	2.8		ug/l	2.5	0.70	1
Naphthalene	17		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443213

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01 Date Collected: 07/31/24 11:50

Client ID: MW-14 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	28		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	4.1		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	130		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	11		ug/l	2.0	0.70	1
p-Ethyltoluene	26		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	30		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	501	J	ug/l			1
Unknown Aromatic	43.8	J	ug/l			1
Unknown Benzene	34.2	J	ug/l			1
Unknown Aromatic	20.3	J	ug/l			1
Unknown Aromatic	53.3	J	ug/l			1
Indane	88.4	NJ	ug/l			1
Unknown Benzene	69.1	J	ug/l			1
Unknown Aromatic	62.8	J	ug/l			1
Unknown Benzene	46.3	J	ug/l			1
Unknown Benzene	55.9	J	ug/l			1
Unknown Aromatic	26.6	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 09:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955288-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 09:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955288-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 09:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955288-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 09:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955288-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955288-3 WG1955288-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	99		100		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	92		92		54-136	0		20
1,1,2,2-Tetrachloroethane	94		96		67-130	2		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	100		110		39-139	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955288-3 WG1955288-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	110		110		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		99		63-130	5		20
p/m-Xylene	115		110		70-130	4		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	92		99		64-130	7		20
Acrylonitrile	91		91		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	99		98		36-147	1		20
Acetone	80		78		58-148	3		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	80		81		63-138	1		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	81		86		59-130	6		20
2-Hexanone	75		84		57-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955288-3 WG1955288-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	93		98		70-130	5		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	79		82		41-144	4		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	88		92		70-130	4		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	96		96		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	84		90		56-162	7		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955288-3 WG1955288-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	90		99		59-134	10		20
trans-1,4-Dichloro-2-butene	91		90		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	101		104		70-130

SEMIVOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 11:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/07/24 10:36
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443213
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 11:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	37.6	J	ug/l			1
Unknown	4.40	J	ug/l			1
Unknown	4.60	J	ug/l			1
Unknown	4.10	J	ug/l			1
Unknown Alcohol	11.8	J	ug/l			1
Unknown	5.00	J	ug/l			1
Unknown	7.70	J	ug/l			1

Project Name: SA 101 EAST 150TH
Lab Number: L2443213
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 11:50
Date Received: 07/31/24
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	38		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	85		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 11:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/07/24 18:13
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.13		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.02	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443213
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 11:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	82		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/07/24 01:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955747-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/07/24 01:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955747-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/07/24 01:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1955747-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	4.80	J	ug/l
Unknown	4.80	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	98		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/07/24 10:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1955748-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.03	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/07/24 10:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1955748-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955747-2 WG1955747-3								
Acenaphthene	71		71		37-111	0		30
1,2,4-Trichlorobenzene	56		55		39-98	2		30
Hexachlorobenzene	79		77		40-140	3		30
Bis(2-chloroethyl)ether	64		62		40-140	3		30
2-Chloronaphthalene	65		63		40-140	3		30
1,2-Dichlorobenzene	61		60		40-140	2		30
1,3-Dichlorobenzene	58		63		40-140	8		30
1,4-Dichlorobenzene	59		61		36-97	3		30
3,3'-Dichlorobenzidine	84		80		40-140	5		30
2,4-Dinitrotoluene	77		77		48-143	0		30
2,6-Dinitrotoluene	71		78		40-140	9		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	74		71		40-140	4		30
4-Bromophenyl phenyl ether	75		73		40-140	3		30
Bis(2-chloroisopropyl)ether	**33**	Q	**32**	Q	40-140	3		30
Bis(2-chloroethoxy)methane	61		57		40-140	7		30
Hexachlorobutadiene	61		56		40-140	9		30
Hexachlorocyclopentadiene	49		46		40-140	6		30
Hexachloroethane	52		55		40-140	6		30
Isophorone	63		60		40-140	5		30
Naphthalene	63		64		40-140	2		30
Nitrobenzene	58		57		40-140	2		30
NDPA/DPA	74		74		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955747-2 WG1955747-3								
n-Nitrosodi-n-propylamine	64		58		29-132	10		30
Bis(2-ethylhexyl)phthalate	75		73		40-140	3		30
Butyl benzyl phthalate	75		75		40-140	0		30
Di-n-butylphthalate	81		75		40-140	8		30
Di-n-octylphthalate	83		77		40-140	8		30
Diethyl phthalate	76		71		40-140	7		30
Dimethyl phthalate	73		69		40-140	6		30
Benzo(a)anthracene	78		72		40-140	8		30
Benzo(a)pyrene	90		83		40-140	8		30
Benzo(b)fluoranthene	82		78		40-140	5		30
Benzo(k)fluoranthene	88		81		40-140	8		30
Chrysene	80		75		40-140	6		30
Acenaphthylene	70		69		45-123	1		30
Anthracene	80		79		40-140	1		30
Benzo(ghi)perylene	81		80		40-140	1		30
Fluorene	75		76		40-140	1		30
Phenanthrene	78		75		40-140	4		30
Dibenzo(a,h)anthracene	84		83		40-140	1		30
Indeno(1,2,3-cd)pyrene	80		80		40-140	0		30
Pyrene	80		78		26-127	3		30
Biphenyl	64		62		40-140	3		30
4-Chloroaniline	44		49		40-140	11		30
2-Nitroaniline	83		84		52-143	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

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: WG1955747-2 WG1955747-3								
3-Nitroaniline	82		81		25-145	1		30
4-Nitroaniline	84		84		51-143	0		30
Dibenzofuran	72		69		40-140	4		30
2-Methylnaphthalene	64		64		40-140	0		30
1,2,4,5-Tetrachlorobenzene	58		60		2-134	3		30
Acetophenone	68		63		39-129	8		30
2,4,6-Trichlorophenol	72		54		30-130	29		30
p-Chloro-m-cresol	78		65		23-97	18		30
2-Chlorophenol	74		52		27-123	**35**	Q	30
2,4-Dichlorophenol	74		50		30-130	**39**	Q	30
2,4-Dimethylphenol	63		61		30-130	3		30
2-Nitrophenol	81		53		30-130	**42**	Q	30
4-Nitrophenol	46		35		10-80	27		30
2,4-Dinitrophenol	68		33		20-130	**69**	Q	30
4,6-Dinitro-o-cresol	85		54		20-164	**45**	Q	30
Pentachlorophenol	74		36		9-103	**69**	Q	30
Phenol	37		30		12-110	21		30
2-Methylphenol	68		59		30-130	14		30
3-Methylphenol/4-Methylphenol	66		56		30-130	16		30
2,4,5-Trichlorophenol	77		57		30-130	30		30
Benzoic Acid	42		**0**	Q	10-164	NC		30
Benzyl Alcohol	63		60		26-116	5		30
Carbazole	80		78		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955747-2 WG1955747-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		43		21-120
Phenol-d6	42		32		10-120
Nitrobenzene-d5	66		64		23-120
2-Fluorobiphenyl	70		62		15-120
2,4,6-Tribromophenol	100		75		10-120
4-Terphenyl-d14	85		81		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955748-2 WG1955748-3								
Acenaphthene	78		77		40-140	1		40
2-Chloronaphthalene	70		70		40-140	0		40
Fluoranthene	76		71		40-140	7		40
Hexachlorobutadiene	56		60		40-140	7		40
Naphthalene	63		65		40-140	3		40
Benzo(a)anthracene	88		85		40-140	3		40
Benzo(a)pyrene	75		73		40-140	3		40
Benzo(b)fluoranthene	76		75		40-140	1		40
Benzo(k)fluoranthene	77		73		40-140	5		40
Chrysene	80		77		40-140	4		40
Acenaphthylene	70		69		40-140	1		40
Anthracene	82		80		40-140	2		40
Benzo(ghi)perylene	77		75		40-140	3		40
Fluorene	76		74		40-140	3		40
Phenanthrene	80		78		40-140	3		40
Dibenzo(a,h)anthracene	80		78		40-140	3		40
Indeno(1,2,3-cd)pyrene	84		82		40-140	2		40
Pyrene	74		68		40-140	8		40
2-Methylnaphthalene	66		67		40-140	2		40
Pentachlorophenol	92		56		40-140	**49**	Q	40
Hexachlorobenzene	89		90		40-140	1		40
Hexachloroethane	50		55		40-140	10		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

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: WG1955748-2 WG1955748-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		40		21-120
Phenol-d6	38		32		10-120
Nitrobenzene-d5	63		63		23-120
2-Fluorobiphenyl	76		74		15-120
2,4,6-Tribromophenol	99		70		10-120
4-Terphenyl-d14	78		72		41-149

METALS

Project Name: SA 101 EAST 150TH
Lab Number: L2443213
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 11:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0612		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00280		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Barium, Total	0.03940		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Calcium, Total	24.0		mg/l	0.100	0.0394	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00022	J	mg/l	0.00100	0.00017	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00020	J	mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Copper, Total	0.00057	J	mg/l	0.00100	0.00038	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Iron, Total	2.73		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Lead, Total	0.00041	J	mg/l	0.00100	0.00034	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Magnesium, Total	7.43		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Manganese, Total	0.6023		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 10:37	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00176	J	mg/l	0.00200	0.00055	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Potassium, Total	2.76		mg/l	0.100	0.0309	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Sodium, Total	125.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/07/24 17:00	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00863	J	mg/l	0.0100	0.00327	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00187		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.02892		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH
Lab Number: L2443213
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 11:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	23.8		mg/l	0.100	0.0394	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00018	J	mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.320		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	7.40		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	0.5788		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 11:05	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00162	J	mg/l	0.00200	0.00055	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	2.72		mg/l	0.100	0.0309	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	126.		mg/l	0.100	0.0293	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	0.00019	J	mg/l	0.00100	0.00014	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/07/24 17:48	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

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 Batch: WG1955450-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Sodium, Total	0.0913	J	mg/l	0.100	0.0293	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/07/24 16:33	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/07/24 16:33	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: WG1955453-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 10:20	1,7470A	JWN

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

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: WG1955485-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Calcium, Dissolved	0.0601	J	mg/l	0.100	0.0394	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Sodium, Dissolved	0.0628	J	mg/l	0.100	0.0293	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/05/24 21:18	08/07/24 16:38	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

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 Batch: WG1955487-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	08/05/24 21:42	08/07/24 10:42	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1955450-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	95		-		80-120	-		
Arsenic, Total	106		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	103		-		80-120	-		
Calcium, Total	97		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Cobalt, Total	104		-		80-120	-		
Copper, Total	103		-		80-120	-		
Iron, Total	109		-		80-120	-		
Lead, Total	104		-		80-120	-		
Magnesium, Total	105		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	103		-		80-120	-		
Selenium, Total	106		-		80-120	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	113		-		80-120	-		
Thallium, Total	102		-		80-120	-		
Vanadium, Total	92		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1955450-2					
Zinc, Total	92	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1955453-2					
Mercury, Total	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1955485-2					
Aluminum, Dissolved	108	-	80-120	-	
Antimony, Dissolved	88	-	80-120	-	
Arsenic, Dissolved	102	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Beryllium, Dissolved	108	-	80-120	-	
Cadmium, Dissolved	101	-	80-120	-	
Calcium, Dissolved	93	-	80-120	-	
Chromium, Dissolved	96	-	80-120	-	
Cobalt, Dissolved	100	-	80-120	-	
Copper, Dissolved	98	-	80-120	-	
Iron, Dissolved	106	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Magnesium, Dissolved	105	-	80-120	-	
Manganese, Dissolved	104	-	80-120	-	
Nickel, Dissolved	99	-	80-120	-	
Potassium, Dissolved	102	-	80-120	-	
Selenium, Dissolved	106	-	80-120	-	
Silver, Dissolved	105	-	80-120	-	
Sodium, Dissolved	113	-	80-120	-	
Thallium, Dissolved	99	-	80-120	-	
Vanadium, Dissolved	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1955485-2					
Zinc, Dissolved	88	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1955487-2					
Mercury, Dissolved	90	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

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 QC Batch ID: WG1955450-3 WG1955450-4 QC Sample: L2443498-01 Client ID: MS Sample												
Aluminum, Total	0.118	2	2.42	115		2.34	111		75-125	3		20
Antimony, Total	ND	0.5	0.4804	96		0.4876	98		75-125	1		20
Arsenic, Total	0.00262	0.12	0.1332	109		0.1343	110		75-125	1		20
Barium, Total	0.05459	2	2.176	106		2.161	105		75-125	1		20
Beryllium, Total	ND	0.05	0.05518	110		0.05472	109		75-125	1		20
Cadmium, Total	ND	0.053	0.05488	104		0.05468	103		75-125	0		20
Calcium, Total	63.3	10	75.0	117		72.9	96		75-125	3		20
Chromium, Total	0.00027J	0.2	0.2015	101		0.1992	100		75-125	1		20
Cobalt, Total	0.00077	0.5	0.5259	105		0.5199	104		75-125	1		20
Copper, Total	0.00065J	0.25	0.2624	105		0.2575	103		75-125	2		20
Iron, Total	1.08	1	2.17	109		2.12	104		75-125	2		20
Lead, Total	0.00043J	0.53	0.5519	104		0.5438	103		75-125	1		20
Magnesium, Total	8.56	10	20.0	114		19.4	108		75-125	3		20
Manganese, Total	1.286	0.5	1.851	113		1.828	108		75-125	1		20
Nickel, Total	0.00063J	0.5	0.5155	103		0.5153	103		75-125	0		20
Potassium, Total	5.29	10	15.8	105		15.8	105		75-125	0		20
Selenium, Total	ND	0.12	0.127	106		0.124	103		75-125	2		20
Silver, Total	ND	0.05	0.05417	108		0.05321	106		75-125	2		20
Sodium, Total	133.	10	148	**150**	Q	146	**130**	Q	75-125	1		20
Thallium, Total	ND	0.12	0.1208	101		0.1198	100		75-125	1		20
Vanadium, Total	ND	0.5	0.4600	92		0.4620	92		75-125	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

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: WG1955450-3	WG1955450-4	QC Sample: L2443498-01	Client ID: MS Sample					
Zinc, Total	ND	0.5	0.4644	93	0.4585	92	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG1955453-3	WG1955453-4	QC Sample: L2443498-01	Client ID: MS Sample					
Mercury, Total	ND	0.005	0.00476	95	0.00473	95	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

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: WG1955485-3 WG1955485-4 QC Sample: L2443498-01 Client ID: MS Sample										
Aluminum, Dissolved	0.0129	2	2.24	111	2.15	107		75-125	4	20
Antimony, Dissolved	ND	0.5	0.5293	106	0.5088	102		75-125	4	20
Arsenic, Dissolved	0.00132	0.12	0.1283	106	0.1243	102		75-125	3	20
Barium, Dissolved	0.05316	2	2.148	105	2.058	100		75-125	4	20
Beryllium, Dissolved	ND	0.05	0.05415	108	0.05224	104		75-125	4	20
Cadmium, Dissolved	ND	0.053	0.05368	101	0.05235	99		75-125	3	20
Calcium, Dissolved	63.7	10	71.5	78	69.2	**55**	Q	75-125	3	20
Chromium, Dissolved	ND	0.2	0.1977	99	0.1905	95		75-125	4	20
Cobalt, Dissolved	0.00071	0.5	0.5114	102	0.4977	99		75-125	3	20
Copper, Dissolved	0.00043J	0.25	0.2470	99	0.2464	98		75-125	0	20
Iron, Dissolved	0.147	1	1.23	108	1.16	101		75-125	6	20
Lead, Dissolved	ND	0.53	0.5453	103	0.5265	99		75-125	4	20
Magnesium, Dissolved	8.35	10	19.0	106	18.4	100		75-125	3	20
Manganese, Dissolved	1.247	0.5	1.789	108	1.715	94		75-125	4	20
Nickel, Dissolved	ND	0.5	0.5094	102	0.4985	100		75-125	2	20
Potassium, Dissolved	5.19	10	15.5	103	14.8	96		75-125	5	20
Selenium, Dissolved	ND	0.12	0.128	107	0.122	102		75-125	5	20
Silver, Dissolved	ND	0.05	0.05326	106	0.05162	103		75-125	3	20
Sodium, Dissolved	132.	10	144	120	137	**50**	Q	75-125	5	20
Thallium, Dissolved	ND	0.12	0.1199	100	0.1167	97		75-125	3	20
Vanadium, Dissolved	ND	0.5	0.4592	92	0.4473	89		75-125	3	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

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: WG1955485-3 WG1955485-4 QC Sample: L2443498-01 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4476	90	0.4366	87	75-125	2	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1955487-3 WG1955487-4 QC Sample: L2443498-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00450	90	0.00435	87	75-125	3	20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2443213
Report Date: 08/08/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1955450-6 QC Sample: L2443498-01 Client ID: DUP Sample						
Barium, Total	0.05459	0.05466	mg/l	0		20
Calcium, Total	63.3	62.8	mg/l	1		20
Magnesium, Total	8.56	8.38	mg/l	2		20
Manganese, Total	1.286	1.274	mg/l	1		20
Potassium, Total	5.29	5.02	mg/l	5		20
Sodium, Total	133.	130.	mg/l	2		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1955485-6 QC Sample: L2443498-01 Client ID: DUP Sample						
Barium, Dissolved	0.05316	0.05192	mg/l	2		20
Calcium, Dissolved	63.7	61.6	mg/l	3		20
Magnesium, Dissolved	8.35	8.16	mg/l	2		20
Manganese, Dissolved	1.247	1.238	mg/l	1		20
Potassium, Dissolved	5.19	5.09	mg/l	2		20
Sodium, Dissolved	132.	128.	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443213-01
Client ID: MW-14
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 11:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/05/24 10:20	08/05/24 16:32	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443213
Report Date: 08/08/24

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 Batch: WG1955283-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/05/24 10:20	08/05/24 16:52	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443213

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1955283-2 WG1955283-3								
Cyanide, Total	102		99		85-115	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

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 QC Batch ID: WG1955283-4 WG1955283-5 QC Sample: L2443211-01 Client ID: MS Sample												
Cyanide, Total	0.004J	0.2	0.206	103		0.203	102		80-120	1		20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443213
Report Date: 08/08/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443213-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2443213-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2443213-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2443213-01D	Plastic 250ml unpreserved	A	7	7	3.0	Y	Absent		-
L2443213-01E	Plastic 250ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2443213-01F	Plastic 250ml NaOH preserved	A	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2443213-01G	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443213-01H	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443213-01I	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		ARCHIVE()
L2443213-01J	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		ARCHIVE()
L2443213-01X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.0	Y	Absent		SE-6020S(180),CU-6020S(180),K-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),ZN-6020S(180),BE-6020S(180),MG-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),TL-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)

*Values in parentheses indicate holding time in days

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2443213
Project Number:	41.0163097.00	**Report Date:**	08/08/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443213
Project Number:	41.0163097.00	**Report Date:**	08/08/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443213
Project Number:	41.0163097.00	**Report Date:**	08/08/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443213
Project Number:	41.0163097.00	**Report Date:**	08/08/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; 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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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, 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

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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 8/1/24

ALPHA Job #: L2493213

Client Information

Client: GZA GeoEnvironmental
Address: 104 W 29th St
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@gza.com

Project Information

Project Name: SA 101 E 150th Quarterly Gauging
Project Location: Bronx, NY
Project # 41.0163097.00
(Use Project name as Project #) ☐
Project Manager: Reinbill Maniquez
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Lab filtration for Dissolved TAL Metals

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 VOCs + 10 TICs	TCL SVOCs + 20 TICs	TAL Metals (Total + Dissolved)	Total Cyanide	Mercury				Sample Specific Comments	Total Bottle
48213-01	MW-14	7/31/24	11:50	GW	YH	X	X	X	X	X					
Container Type						V	A	P	P	P					
Preservative									H						

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
Yunmeg Han	7/31/24 1849	WIFI (Pace)	7/31/24 1849
WIFI (Pace)	7/31 2100	Anthony Green	JUL 31 2024
Anthony Green			8/1/24 0050
	8/1/24 0315		08101124-0315

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:	L2443211
Client:	GZA GeoEnvironmental, Inc. 104 West 29th Street, 10th Floor New York, NY 10001
ATTN:	Reinbill Maniquez
Phone:	(212) 594-8140
Project Name:	SA 101 EAST 150TH
Project Number:	41.0163097.00
Report Date:	08/08/24

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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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2443211-01	MW-02	WATER	101 EAST 150TH ST., BRONX, NY	07/31/24 13:15	07/31/24
L2443211-02	MW-17	WATER	101 EAST 150TH ST., BRONX, NY	07/31/24 15:25	07/31/24
L2443211-03	FB 2024-07-31	WATER	101 EAST 150TH ST., BRONX, NY	07/31/24 12:50	07/31/24
L2443211-04	TB 2024-07-31	WATER	101 EAST 150TH ST., BRONX, NY	07/31/24 00:00	07/31/24

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2443211
Project Number:	41.0163097.00	**Report Date:**	08/08/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	SA 101 EAST 150TH	**Lab Number:**	L2443211
Project Number:	41.0163097.00	**Report Date:**	08/08/24

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1955747-3 LCSD recovery, associated with L2443211-01 through -03, is below the acceptance criteria for benzoic acid (0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Dissolved Metals

The WG1954786-1 Method Blank, associated with L2443211-01 through -03, has a concentration above the reporting limit for mercury. Since the associated sample concentrations are non-detect to the RL for this target analyte, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

The WG1954786-2 LCS recovery, associated with L2443211-01 through -03, is above the acceptance criteria for mercury (127%); however, the associated samples are non-detect to the reporting limit for this target analyte. The results of the original analysis 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: Kelly Stenstrom

Title: Technical Director/Representative Date: 08/08/24

ORGANICS

VOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/02/24 13:34
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	1.8		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01 Date Collected: 07/31/24 13:15

Client ID: MW-02 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.35	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443211
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	1.93	J	ug/l			1
Unknown	1.93	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: SA 101 EAST 150TH
Lab Number: L2443211
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 15:25
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/02/24 13:08
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	4.2		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	1.2		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	6.1		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	16		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	0.25	J	ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02 Date Collected: 07/31/24 15:25

Client ID: MW-17 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	20		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	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	11		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	11		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.1	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	0.96	J	ug/l	2.5	0.70	1
sec-Butylbenzene	4.8		ug/l	2.5	0.70	1
tert-Butylbenzene	0.96	J	ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	24		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	27		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02 Date Collected: 07/31/24 15:25

Client ID: MW-17 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	12		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	2.7		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	0.74	J	ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	205	J	ug/l			1
Unknown Naphthalene	7.01	J	ug/l			1
Unknown Aromatic	11.9	J	ug/l			1
Unknown Aromatic	56.0	J	ug/l			1
Unknown	6.42	J	ug/l			1
Unknown Benzene	44.5	J	ug/l			1
Cyclohexane	5.77	NJ	ug/l			1
Unknown Aromatic	7.93	J	ug/l			1
Unknown Aromatic	20.4	J	ug/l			1
Indane	24.2	NJ	ug/l			1
Unknown Aromatic	20.4	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/02/24 13:59
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03 Date Collected: 07/31/24 12:50

Client ID: FB 2024-07-31 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-04
Client ID: TB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 00:00
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 08/02/24 14:24
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-04 Date Collected: 07/31/24 00:00

Client ID: TB 2024-07-31 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-04 Date Collected: 07/31/24 00:00

Client ID: TB 2024-07-31 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 09:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1955288-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 09:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1955288-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 09:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1955288-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 08/02/24 09:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1955288-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1955288-3 WG1955288-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	99		100		63-130	1		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	92		92		54-136	0		20
1,1,2,2-Tetrachloroethane	94		96		67-130	2		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	100		110		39-139	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1955288-3 WG1955288-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		99		61-145	1		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	110		110		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		99		63-130	5		20
p/m-Xylene	115		110		70-130	4		20
o-Xylene	110		110		70-130	0		20
cis-1,2-Dichloroethene	110		110		70-130	0		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	92		99		64-130	7		20
Acrylonitrile	91		91		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	99		98		36-147	1		20
Acetone	80		78		58-148	3		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	80		81		63-138	1		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	81		86		59-130	6		20
2-Hexanone	75		84		57-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1955288-3 WG1955288-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	120		120		63-133	0		20
1,2-Dibromoethane	93		98		70-130	5		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		100		70-130	10		20
tert-Butylbenzene	110		110		70-130	0		20
o-Chlorotoluene	110		110		70-130	0		20
p-Chlorotoluene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	79		82		41-144	4		20
Hexachlorobutadiene	100		100		63-130	0		20
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
Naphthalene	88		92		70-130	4		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	96		96		70-130	0		20
1,2,4-Trichlorobenzene	100		100		70-130	0		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
1,4-Dioxane	84		90		56-162	7		20
p-Diethylbenzene	110		110		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1955288-3 WG1955288-4								
p-Ethyltoluene	110		110		70-130	0		20
1,2,4,5-Tetramethylbenzene	100		100		70-130	0		20
Ethyl ether	90		99		59-134	10		20
trans-1,4-Dichloro-2-butene	91		90		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		101		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	101		104		70-130

SEMIVOLATILES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/07/24 09:29
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443211
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds

Total TIC Compounds	4.10	J	ug/l			1
Unknown	4.10	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	91		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/07/24 17:24
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.06	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.03	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.11		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.10	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443211
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	85		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 15:25
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/07/24 09:52
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02 Date Collected: 07/31/24 15:25

Client ID: MW-17 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	5.4		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	0.81	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds						
Total TIC Compounds	79.9	J	ug/l			1
Unknown	11.5	J	ug/l			1
Unknown Benzene	9.10	J	ug/l			1
Naphthalene, 1-methyl-	5.60	NJ	ug/l			1
Unknown Benzene	5.00	J	ug/l			1
Unknown Ketone	5.40	J	ug/l			1
Unknown	13.0	J	ug/l			1
Unknown	6.30	J	ug/l			1
Unknown	4.50	J	ug/l			1
Unknown	8.50	J	ug/l			1
Unknown	11.0	J	ug/l			1

Project Name: SA 101 EAST 150TH
Lab Number: L2443211
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 15:25
Date Received: 07/31/24
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	37		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	93		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 15:25
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/07/24 17:40
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.14		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.06	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	10		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	0.06	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.05	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.07	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02 Date Collected: 07/31/24 15:25

Client ID: MW-17 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	87		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 08/07/24 10:14
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	79		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/07/24 17:56
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SA 101 EAST 150TH
Lab Number: L2443211
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	80		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/07/24 01:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955747-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/07/24 01:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955747-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 08/07/24 01:38
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1955747-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Tentatively Identified Compounds			
Total TIC Compounds	4.80	J	ug/l
Unknown	4.80	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	95		10-120
4-Terphenyl-d14	98		41-149

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/07/24 10:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1955748-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.03	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/07/24 10:01
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:09

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1955748-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955747-2 WG1955747-3								
Acenaphthene	71		71		37-111	0		30
1,2,4-Trichlorobenzene	56		55		39-98	2		30
Hexachlorobenzene	79		77		40-140	3		30
Bis(2-chloroethyl)ether	64		62		40-140	3		30
2-Chloronaphthalene	65		63		40-140	3		30
1,2-Dichlorobenzene	61		60		40-140	2		30
1,3-Dichlorobenzene	58		63		40-140	8		30
1,4-Dichlorobenzene	59		61		36-97	3		30
3,3'-Dichlorobenzidine	84		80		40-140	5		30
2,4-Dinitrotoluene	77		77		48-143	0		30
2,6-Dinitrotoluene	71		78		40-140	9		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	74		71		40-140	4		30
4-Bromophenyl phenyl ether	75		73		40-140	3		30
Bis(2-chloroisopropyl)ether	**33**	Q	**32**	Q	40-140	3		30
Bis(2-chloroethoxy)methane	61		57		40-140	7		30
Hexachlorobutadiene	61		56		40-140	9		30
Hexachlorocyclopentadiene	49		46		40-140	6		30
Hexachloroethane	52		55		40-140	6		30
Isophorone	63		60		40-140	5		30
Naphthalene	63		64		40-140	2		30
Nitrobenzene	58		57		40-140	2		30
NDPA/DPA	74		74		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955747-2 WG1955747-3								
n-Nitrosodi-n-propylamine	64		58		29-132	10		30
Bis(2-ethylhexyl)phthalate	75		73		40-140	3		30
Butyl benzyl phthalate	75		75		40-140	0		30
Di-n-butylphthalate	81		75		40-140	8		30
Di-n-octylphthalate	83		77		40-140	8		30
Diethyl phthalate	76		71		40-140	7		30
Dimethyl phthalate	73		69		40-140	6		30
Benzo(a)anthracene	78		72		40-140	8		30
Benzo(a)pyrene	90		83		40-140	8		30
Benzo(b)fluoranthene	82		78		40-140	5		30
Benzo(k)fluoranthene	88		81		40-140	8		30
Chrysene	80		75		40-140	6		30
Acenaphthylene	70		69		45-123	1		30
Anthracene	80		79		40-140	1		30
Benzo(ghi)perylene	81		80		40-140	1		30
Fluorene	75		76		40-140	1		30
Phenanthrene	78		75		40-140	4		30
Dibenzo(a,h)anthracene	84		83		40-140	1		30
Indeno(1,2,3-cd)pyrene	80		80		40-140	0		30
Pyrene	80		78		26-127	3		30
Biphenyl	64		62		40-140	3		30
4-Chloroaniline	44		49		40-140	11		30
2-Nitroaniline	83		84		52-143	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955747-2 WG1955747-3								
3-Nitroaniline	82		81		25-145	1		30
4-Nitroaniline	84		84		51-143	0		30
Dibenzofuran	72		69		40-140	4		30
2-Methylnaphthalene	64		64		40-140	0		30
1,2,4,5-Tetrachlorobenzene	58		60		2-134	3		30
Acetophenone	68		63		39-129	8		30
2,4,6-Trichlorophenol	72		54		30-130	29		30
p-Chloro-m-cresol	78		65		23-97	18		30
2-Chlorophenol	74		52		27-123	**35**	Q	30
2,4-Dichlorophenol	74		50		30-130	**39**	Q	30
2,4-Dimethylphenol	63		61		30-130	3		30
2-Nitrophenol	81		53		30-130	**42**	Q	30
4-Nitrophenol	46		35		10-80	27		30
2,4-Dinitrophenol	68		33		20-130	**69**	Q	30
4,6-Dinitro-o-cresol	85		54		20-164	**45**	Q	30
Pentachlorophenol	74		36		9-103	**69**	Q	30
Phenol	37		30		12-110	21		30
2-Methylphenol	68		59		30-130	14		30
3-Methylphenol/4-Methylphenol	66		56		30-130	16		30
2,4,5-Trichlorophenol	77		57		30-130	30		30
Benzoic Acid	42		**0**	Q	10-164	NC		30
Benzyl Alcohol	63		60		26-116	5		30
Carbazole	80		78		55-144	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1955747-2 WG1955747-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		43		21-120
Phenol-d6	42		32		10-120
Nitrobenzene-d5	66		64		23-120
2-Fluorobiphenyl	70		62		15-120
2,4,6-Tribromophenol	100		75		10-120
4-Terphenyl-d14	85		81		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1955748-2 WG1955748-3								
Acenaphthene	78		77		40-140	1		40
2-Chloronaphthalene	70		70		40-140	0		40
Fluoranthene	76		71		40-140	7		40
Hexachlorobutadiene	56		60		40-140	7		40
Naphthalene	63		65		40-140	3		40
Benzo(a)anthracene	88		85		40-140	3		40
Benzo(a)pyrene	75		73		40-140	3		40
Benzo(b)fluoranthene	76		75		40-140	1		40
Benzo(k)fluoranthene	77		73		40-140	5		40
Chrysene	80		77		40-140	4		40
Acenaphthylene	70		69		40-140	1		40
Anthracene	82		80		40-140	2		40
Benzo(ghi)perylene	77		75		40-140	3		40
Fluorene	76		74		40-140	3		40
Phenanthrene	80		78		40-140	3		40
Dibenzo(a,h)anthracene	80		78		40-140	3		40
Indeno(1,2,3-cd)pyrene	84		82		40-140	2		40
Pyrene	74		68		40-140	8		40
2-Methylnaphthalene	66		67		40-140	2		40
Pentachlorophenol	92		56		40-140	**49**	Q	40
Hexachlorobenzene	89		90		40-140	1		40
Hexachloroethane	50		55		40-140	10		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1955748-2 WG1955748-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		40		21-120
Phenol-d6	38		32		10-120
Nitrobenzene-d5	63		63		23-120
2-Fluorobiphenyl	76		74		15-120
2,4,6-Tribromophenol	99		70		10-120
4-Terphenyl-d14	78		72		41-149

PCBS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/06/24 23:59
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:51
Cleanup Method: EPA 3665A
Cleanup Date: 08/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/06/24

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	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 15:25
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/07/24 00:08
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:51
Cleanup Method: EPA 3665A
Cleanup Date: 08/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/06/24

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	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	82		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 08/07/24 11:54
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:51
Cleanup Method: EPA 3665A
Cleanup Date: 08/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/06/24

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	B
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 08/07/24 00:18
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 08:51
Cleanup Method: EPA 3665A
Cleanup Date: 08/06/24
Cleanup Method: EPA 3660B
Cleanup Date: 08/06/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1955787-1						
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 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1955787-2 WG1955787-3									
Aroclor 1016	60		67		40-140	11		50	A
Aroclor 1260	72		73		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		47		30-150	A
Decachlorobiphenyl	74		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		49		30-150	B
Decachlorobiphenyl	80		83		30-150	B

PESTICIDES

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/07/24 09:44
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 07:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01 Date Collected: 07/31/24 13:15

Client ID: MW-02 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 08/07/24 17:42
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 15:49

Methylation Date: 08/07/24 17:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	97		30-150	A
DCAA	91		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 15:25
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/07/24 09:55
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 07:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02 Date Collected: 07/31/24 15:25

Client ID: MW-17 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 15:25
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 08/07/24 18:01
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 15:49

Methylation Date: 08/07/24 17:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	104		30-150	A
DCAA	92		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 08/07/24 10:06
Analyst: PEG

Extraction Method: EPA 3510C
Extraction Date: 08/06/24 07:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03 Date Collected: 07/31/24 12:50

Client ID: FB 2024-07-31 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 08/07/24 18:19
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 15:49

Methylation Date: 08/07/24 17:18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	91		30-150	A
DCAA	87		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 08/06/24 12:44
Analyst: EJL

Extraction Method: EPA 8151A
Extraction Date: 08/04/24 15:49

Methylation Date: 08/06/24 07:58

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1955132-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	102		30-150	A
DCAA	96		30-150	B

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/06/24 11:44
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1955491-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 08/06/24 11:44
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 08/05/24 13:59

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03 Batch: WG1955491-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

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 Batch: WG1955132-2 WG1955132-3									
2,4-D	105		94		30-150	11		25	A
2,4,5-T	109		98		30-150	11		25	A
2,4,5-TP (Silvex)	104		92		30-150	12		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	109		97		30-150	A
DCAA	124		110		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

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 Batch: WG1955491-2 WG1955491-3									
Delta-BHC	60		61		30-150	2		20	A
Lindane	64		64		30-150	0		20	A
Alpha-BHC	67		67		30-150	1		20	A
Beta-BHC	78		78		30-150	0		20	A
Heptachlor	66		66		30-150	0		20	A
Aldrin	62		62		30-150	0		20	A
Heptachlor epoxide	67		67		30-150	0		20	A
Endrin	70		71		30-150	1		20	A
Endrin aldehyde	63		69		30-150	9		20	A
Endrin ketone	73		73		30-150	0		20	A
Dieldrin	73		74		30-150	1		20	A
4,4'-DDE	69		70		30-150	0		20	A
4,4'-DDD	73		73		30-150	0		20	A
4,4'-DDT	78		78		30-150	1		20	A
Endosulfan I	67		66		30-150	1		20	A
Endosulfan II	69		70		30-150	1		20	A
Endosulfan sulfate	77		81		30-150	4		20	A
Methoxychlor	83		85		30-150	2		20	A
cis-Chlordane	74		73		30-150	1		20	A
trans-Chlordane	85		87		30-150	2		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1955491-2 WG1955491-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		68		30-150	A
Decachlorobiphenyl	75		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		60		30-150	B
Decachlorobiphenyl	75		75		30-150	B

METALS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0970		mg/l	0.0100	0.00327	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00175		mg/l	0.00050	0.00016	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Barium, Total	0.07720		mg/l	0.00050	0.00017	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Calcium, Total	310.		mg/l	1.00	0.394	10	08/02/24 03:43	08/07/24 10:35	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00032	J	mg/l	0.00100	0.00017	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00215		mg/l	0.00050	0.00016	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Copper, Total	0.00102		mg/l	0.00100	0.00038	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Iron, Total	2.05		mg/l	0.0500	0.0191	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Lead, Total	0.00130		mg/l	0.00100	0.00034	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Magnesium, Total	46.0		mg/l	0.0700	0.0242	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Manganese, Total	3.182		mg/l	0.00100	0.00044	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/02/24 03:45	08/07/24 10:00	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00146	J	mg/l	0.00200	0.00055	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Potassium, Total	18.6		mg/l	0.100	0.0309	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Sodium, Total	424.		mg/l	1.00	0.293	10	08/02/24 03:43	08/07/24 10:35	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00487	J	mg/l	0.01000	0.00341	1	08/02/24 03:43	08/07/24 10:12	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00549	J	mg/l	0.0100	0.00327	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00106		mg/l	0.00050	0.00016	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.08041		mg/l	0.00050	0.00017	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01 Date Collected: 07/31/24 13:15

Client ID: MW-02 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	322.		mg/l	1.00	0.394	10	08/04/24 18:14	08/07/24 15:10	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00206		mg/l	0.00050	0.00016	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00069	J	mg/l	0.00100	0.00038	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.0934		mg/l	0.0500	0.0191	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	46.4		mg/l	0.0700	0.0242	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	3.433		mg/l	0.00100	0.00044	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	0.00015	JB	mg/l	0.00020	0.00009	1	08/04/24 19:03	08/06/24 16:57	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00141	J	mg/l	0.00200	0.00055	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	19.9		mg/l	0.100	0.0309	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	460.		mg/l	1.00	0.293	10	08/04/24 18:14	08/07/24 15:10	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	0.00369	J	mg/l	0.01000	0.00341	1	08/04/24 18:14	08/07/24 15:01	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 15:25
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.358		mg/l	0.0100	0.00327	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00032	J	mg/l	0.00050	0.00016	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Barium, Total	0.1194		mg/l	0.00050	0.00017	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00008	J	mg/l	0.00020	0.00005	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Calcium, Total	102.		mg/l	0.100	0.0394	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00082	J	mg/l	0.00100	0.00017	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00116		mg/l	0.00050	0.00016	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Copper, Total	0.00112		mg/l	0.00100	0.00038	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Iron, Total	0.483		mg/l	0.0500	0.0191	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Lead, Total	0.00078	J	mg/l	0.00100	0.00034	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Magnesium, Total	13.8		mg/l	0.0700	0.0242	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Manganese, Total	2.996		mg/l	0.00100	0.00044	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/02/24 03:45	08/07/24 10:03	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00123	J	mg/l	0.00200	0.00055	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Potassium, Total	10.6		mg/l	0.100	0.0309	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Sodium, Total	245.		mg/l	1.00	0.293	10	08/02/24 03:43	08/07/24 10:40	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/02/24 03:43	08/07/24 10:17	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0278		mg/l	0.0100	0.00327	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	0.00024	J	mg/l	0.00050	0.00016	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Barium, Dissolved	0.1131		mg/l	0.00050	0.00017	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02 Date Collected: 07/31/24 15:25

Client ID: MW-17 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	99.0		mg/l	0.100	0.0394	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	0.00086		mg/l	0.00050	0.00016	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Copper, Dissolved	0.00065	J	mg/l	0.00100	0.00038	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Iron, Dissolved	0.0386	J	mg/l	0.0500	0.0191	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	13.5		mg/l	0.0700	0.0242	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	2.875		mg/l	0.00100	0.00044	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	0.00016	JB	mg/l	0.00020	0.00009	1	08/04/24 19:03	08/06/24 17:01	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	0.00098	J	mg/l	0.00200	0.00055	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	10.7		mg/l	0.100	0.0309	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	267.		mg/l	1.00	0.293	10	08/04/24 18:14	08/07/24 15:56	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/04/24 18:14	08/07/24 15:06	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH
Lab Number: L2443211
Project Number: 41.0163097.00
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY
Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Barium, Total	0.00026	J	mg/l	0.00050	0.00017	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/02/24 03:45	08/07/24 10:14	EPA 7470A	1,7470A	JWN
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Sodium, Total	0.0861	J	mg/l	0.100	0.0293	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/02/24 03:43	08/07/24 10:21	EPA 3005A	1,6020B	EJF
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH **Lab Number:** L2443211

Project Number: 41.0163097.00 **Report Date:** 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03 Date Collected: 07/31/24 12:50

Client ID: FB 2024-07-31 Date Received: 07/31/24

Sample Location: 101 EAST 150TH ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Mercury, Dissolved	0.00016	JB	mg/l	0.00020	0.00009	1	08/04/24 19:03	08/06/24 17:04	EPA 7470A	1,7470A	JWN
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Sodium, Dissolved	0.0812	J	mg/l	0.100	0.0293	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/04/24 18:14	08/07/24 15:29	EPA 3005A	1,6020B	EJF

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1954271-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Manganese, Total	0.00053	J	mg/l	0.00100	0.00044	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Sodium, Total	0.0606	J	mg/l	0.100	0.0293	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	08/02/24 03:43	08/07/24 08:11	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1954274-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	08/02/24 03:45	08/07/24 08:31	1,7470A	JWN

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1954783-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Antimony, Dissolved	0.00242	J	mg/l	0.00400	0.00042	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Sodium, Dissolved	0.0388	J	mg/l	0.100	0.0293	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	08/04/24 18:14	08/06/24 18:09	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1954786-1										
Mercury, Dissolved	0.00051		mg/l	0.00020	0.00009	1	08/04/24 19:03	08/06/24 16:15	1,7470A	JWN

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1954271-2								
Aluminum, Total	108		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	108		-		80-120	-		
Barium, Total	104		-		80-120	-		
Beryllium, Total	106		-		80-120	-		
Cadmium, Total	101		-		80-120	-		
Calcium, Total	97		-		80-120	-		
Chromium, Total	104		-		80-120	-		
Cobalt, Total	107		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	115		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	105		-		80-120	-		
Manganese, Total	108		-		80-120	-		
Nickel, Total	107		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	98		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1954271-2					
Zinc, Total	93	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1954274-2					
Mercury, Total	105	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1954783-2					
Aluminum, Dissolved	94	-	80-120	-	
Antimony, Dissolved	96	-	80-120	-	
Arsenic, Dissolved	104	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Beryllium, Dissolved	100	-	80-120	-	
Cadmium, Dissolved	102	-	80-120	-	
Calcium, Dissolved	87	-	80-120	-	
Chromium, Dissolved	98	-	80-120	-	
Cobalt, Dissolved	104	-	80-120	-	
Copper, Dissolved	106	-	80-120	-	
Iron, Dissolved	106	-	80-120	-	
Lead, Dissolved	108	-	80-120	-	
Magnesium, Dissolved	99	-	80-120	-	
Manganese, Dissolved	104	-	80-120	-	
Nickel, Dissolved	102	-	80-120	-	
Potassium, Dissolved	96	-	80-120	-	
Selenium, Dissolved	98	-	80-120	-	
Silver, Dissolved	106	-	80-120	-	
Sodium, Dissolved	109	-	80-120	-	
Thallium, Dissolved	108	-	80-120	-	
Vanadium, Dissolved	90	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery		LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1954783-2						
Zinc, Dissolved	102		-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1954786-2						
Mercury, Dissolved	**127**	Q	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1954271-3 WG1954271-4 QC Sample: L2443118-05 Client ID: MS Sample												
Aluminum, Total	0.0436	2	2.15	105		2.13	104		75-125	1		20
Antimony, Total	0.00130J	0.5	0.4796	96		0.4741	95		75-125	1		20
Arsenic, Total	0.00060	0.12	0.1295	107		0.1251	104		75-125	3		20
Barium, Total	0.1019	2	2.204	105		2.117	101		75-125	4		20
Beryllium, Total	ND	0.05	0.05318	106		0.05201	104		75-125	2		20
Cadmium, Total	ND	0.053	0.05428	102		0.05247	99		75-125	3		20
Calcium, Total	124.	10	132	80		126	**20**	Q	75-125	5		20
Chromium, Total	0.00081J	0.2	0.2061	103		0.1984	99		75-125	4		20
Cobalt, Total	0.00039J	0.5	0.5328	106		0.5126	102		75-125	4		20
Copper, Total	0.00246	0.25	0.2675	106		0.2602	103		75-125	3		20
Iron, Total	0.0645	1	1.17	110		1.12	106		75-125	4		20
Lead, Total	ND	0.53	0.5238	99		0.5131	97		75-125	2		20
Magnesium, Total	11.0	10	20.8	98		20.7	97		75-125	0		20
Manganese, Total	0.03081	0.5	0.5611	106		0.5440	103		75-125	3		20
Nickel, Total	0.00069J	0.5	0.5272	105		0.5034	101		75-125	5		20
Potassium, Total	66.6	10	83.6	**170**	Q	80.9	**143**	Q	75-125	3		20
Selenium, Total	ND	0.12	0.119	99		0.124	103		75-125	4		20
Silver, Total	ND	0.05	0.05328	106		0.05225	104		75-125	2		20
Sodium, Total	94.6	10	103	84		102	**74**	Q	75-125	1		20
Thallium, Total	ND	0.12	0.1182	98		0.1151	96		75-125	3		20
Vanadium, Total	ND	0.5	0.4773	95		0.4675	94		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1954271-3 WG1954271-4 QC Sample: L2443118-05 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.4566	91	0.4417	88	75-125	3	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1954274-3 WG1954274-4 QC Sample: L2443118-05 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00472	94	0.00480	96	75-125	2	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1954783-3 WG1954783-4 QC Sample: L2443482-01 Client ID: MS Sample											
Aluminum, Dissolved	0.0104	2	1.90	94		1.88	93		75-125	1	20
Antimony, Dissolved	0.00112J	0.5	0.5178	104		0.5152	103		75-125	1	20
Arsenic, Dissolved	0.00168	0.12	0.1262	104		0.1254	103		75-125	1	20
Barium, Dissolved	0.2561	2	2.261	100		2.247	100		75-125	1	20
Beryllium, Dissolved	ND	0.05	0.05088	102		0.05005	100		75-125	2	20
Cadmium, Dissolved	ND	0.053	0.05315	100		0.05352	101		75-125	1	20
Calcium, Dissolved	101.	10	103	**20**	Q	115	**140**	Q	75-125	11	20
Chromium, Dissolved	ND	0.2	0.1888	94		0.1906	95		75-125	1	20
Cobalt, Dissolved	0.00025J	0.5	0.5116	102		0.5110	102		75-125	0	20
Copper, Dissolved	ND	0.25	0.2598	104		0.2569	103		75-125	1	20
Iron, Dissolved	1.23	1	2.26	103		1.98	75		75-125	13	20
Lead, Dissolved	ND	0.53	0.5761	109		0.5704	108		75-125	1	20
Magnesium, Dissolved	21.0	10	30.9	99		33.8	**128**	Q	75-125	9	20
Manganese, Dissolved	3.781	0.5	4.619	**168**	Q	5.424	**329**	Q	75-125	16	20
Nickel, Dissolved	0.00113J	0.5	0.4919	98		0.4950	99		75-125	1	20
Potassium, Dissolved	15.5	10	24.3	88		24.6	91		75-125	1	20
Selenium, Dissolved	ND	0.12	0.112	93		0.117	98		75-125	4	20
Silver, Dissolved	ND	0.05	0.05324	106		0.05342	107		75-125	0	20
Sodium, Dissolved	93.8	10	103	92		85.2	**0**	Q	75-125	19	20
Thallium, Dissolved	ND	0.12	0.1286	107		0.1288	107		75-125	0	20
Vanadium, Dissolved	ND	0.5	0.4263	85		0.4281	86		75-125	0	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1954783-3 WG1954783-4 QC Sample: L2443482-01 Client ID: MS Sample									
Zinc, Dissolved	ND	0.5	0.4870	97	0.4911	98	75-125	1	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1954786-3 WG1954786-4 QC Sample: L2409778-121 Client ID: MS Sample									
Mercury, Dissolved	0.00048B	0.005	0.00516	94	0.00504	91	75-125	2	20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2443211
Report Date: 08/08/24

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1954271-6 QC Sample: L2443118-05 Client ID: DUP Sample						
Barium, Total	0.1019	0.1013	mg/l	1		20
Calcium, Total	124.	120.	mg/l	3		20
Magnesium, Total	11.0	10.6	mg/l	4		20
Manganese, Total	0.03081	0.03017	mg/l	2		20
Potassium, Total	66.6	71.5	mg/l	7		20
Sodium, Total	94.6	92.2	mg/l	3		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1954783-6 QC Sample: L2443482-01 Client ID: DUP Sample						
Barium, Dissolved	0.2561	0.2634	mg/l	3		20
Calcium, Dissolved	101.	98.7	mg/l	2		20
Magnesium, Dissolved	21.0	21.5	mg/l	2		20
Manganese, Dissolved	3.781	4.174	mg/l	10		20
Potassium, Dissolved	15.5	15.0	mg/l	3		20
Sodium, Dissolved	93.8	93.3	mg/l	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-01
Client ID: MW-02
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 13:15
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.004	J	mg/l	0.005	0.001	1	08/05/24 10:20	08/05/24 16:25	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-02
Client ID: MW-17
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 15:25
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	0.001	J	mg/l	0.005	0.001	1	08/05/24 10:20	08/05/24 16:30	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

SAMPLE RESULTS

Lab ID: L2443211-03
Client ID: FB 2024-07-31
Sample Location: 101 EAST 150TH ST., BRONX, NY

Date Collected: 07/31/24 12:50
Date Received: 07/31/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/05/24 10:20	08/05/24 16:31	1,9010C/9012B	JER

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00
Lab Number: L2443211
Report Date: 08/08/24

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 Batch: WG1955283-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	08/05/24 10:20	08/05/24 16:52	1,9010C/9012B	JER

Lab Control Sample Analysis

Batch Quality Control

Project Name: SA 101 EAST 150TH

Project Number: 41.0163097.00

Lab Number: L2443211

Report Date: 08/08/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG1955283-2 WG1955283-3								
Cyanide, Total	102		99		85-115	3		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

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 QC Batch ID: WG1955283-4 WG1955283-5 QC Sample: L2443211-01 Client ID: MW-02												
Cyanide, Total	0.004J	0.2	0.206	103		0.203	102		80-120	1		20

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443211-01A	Vial HCl preserved	B	NA		2.1	Y	Absent		NYTCL-8260(14)
L2443211-01B	Vial HCl preserved	B	NA		2.1	Y	Absent		NYTCL-8260(14)
L2443211-01C	Vial HCl preserved	B	NA		2.1	Y	Absent		NYTCL-8260(14)
L2443211-01D	Plastic 250ml unpreserved	B	7	7	2.1	Y	Absent		-
L2443211-01E	Plastic 250ml HNO3 preserved	B	<2	<2	2.1	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),CO-6020T(180)
L2443211-01F	Plastic 250ml NaOH preserved	B	>12	>12	2.1	Y	Absent		TCN-9010(14)
L2443211-01G	Amber 100ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443211-01H	Amber 100ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443211-01I	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8082-LVI(365)
L2443211-01J	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8082-LVI(365)
L2443211-01K	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8081(7)
L2443211-01L	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8081(7)
L2443211-01M	Amber 1000ml unpreserved	B	7	7	2.1	Y	Absent		HERB-APA(7)
L2443211-01N	Amber 1000ml unpreserved	B	7	7	2.1	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443211-01X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.1	Y	Absent		CU-6020S(180),V-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NI-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),BA-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2443211-02A	Vial HCl preserved	B	NA		2.1	Y	Absent		NYTCL-8260(14)
L2443211-02B	Vial HCl preserved	B	NA		2.1	Y	Absent		NYTCL-8260(14)
L2443211-02C	Vial HCl preserved	B	NA		2.1	Y	Absent		NYTCL-8260(14)
L2443211-02D	Plastic 250ml unpreserved	B	7	7	2.1	Y	Absent		-
L2443211-02E	Plastic 250ml HNO3 preserved	B	<2	<2	2.1	Y	Absent		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2443211-02F	Plastic 250ml NaOH preserved	B	>12	>12	2.1	Y	Absent		TCN-9010(14)
L2443211-02G	Amber 100ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443211-02H	Amber 100ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443211-02I	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8082-LVI(365)
L2443211-02J	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8082-LVI(365)
L2443211-02K	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8081(7)
L2443211-02L	Amber 120ml unpreserved	B	7	7	2.1	Y	Absent		NYTCL-8081(7)
L2443211-02M	Amber 1000ml unpreserved	B	7	7	2.1	Y	Absent		HERB-APA(7)
L2443211-02N	Amber 1000ml unpreserved	B	7	7	2.1	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443211-02X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.1	Y	Absent		V-6020S(180),CU-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),CR-6020S(180),CA-6020S(180),FE-6020S(180),PB-6020S(180),TL-6020S(180),NI-6020S(180),NA-6020S(180),BA-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2443211-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2443211-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2443211-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260(14)
L2443211-03D	Plastic 250ml unpreserved	A	7	7	3.0	Y	Absent		-
L2443211-03E	Plastic 250ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2443211-03F	Plastic 250ml NaOH preserved	A	>12	>12	3.0	Y	Absent		TCN-9010(14)
L2443211-03G	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443211-03H	Amber 100ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2443211-03I	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2443211-03J	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(365)
L2443211-03K	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7)
L2443211-03L	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8081(7)
L2443211-03M	Amber 1000ml unpreserved	A	7	7	3.0	Y	Absent		HERB-APA(7)
L2443211-03N	Amber 1000ml unpreserved	A	7	7	3.0	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name: SA 101 EAST 150TH
Project Number: 41.0163097.00

Lab Number: L2443211
Report Date: 08/08/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2443211-03X	Plastic 120ml HNO3 preserved Filtrates	A	NA		3.0	Y	Absent		K-6020S(180),SE-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NA-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),PB-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2443211-04A	Vial HCl preserved	B	NA		2.1	Y	Absent		NYTCL-8260(14)
L2443211-04B	Vial HCl preserved	B	NA		2.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	SA 101 EAST 150TH	**Lab Number:**	L2443211
Project Number:	41.0163097.00	**Report Date:**	08/08/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443211
Project Number:	41.0163097.00	**Report Date:**	08/08/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443211
Project Number:	41.0163097.00	**Report Date:**	08/08/24

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:	SA 101 EAST 150TH	**Lab Number:**	L2443211
Project Number:	41.0163097.00	**Report Date:**	08/08/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; 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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 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, 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 1

Date Rec'd in Lab: 8/1/24

ALPHA Job #: L2443211

Client Information
Client: GZA GeoEnvironmental
Address: 109 W 29th St
NY, NY 10001
Phone: 347-443-1059
Fax:
Email: Reinbill.Maniquez@gza.com

Project Information
Project Name: SA 101 E 150th
Project Location: Bronx, NY
Project # 41.0163097.00
(Use Project name as Project #) ☐
Project Manager: Reinbill Maniquez
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Lab filtration for Dissolved TAL Metals

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 VOCs + 10 TICs	TCL SVOCs + 20 TICs	TAL Metals (Total + Dissolved)	Total Cyanide	Mercury	Pesticides	PCBs	Herbicides	Sample Specific Comments	Total Bottle
43211-01	MW-02	7/31/24	13:15	GW	YH	X	X	X	X	X	X	X	X		
-02	MW-17	↓	15:25	GW	↓	↓	↓	↓	↓	↓	↓	↓	↓		
-03	FB 2024-07-31		12:50	W											
-04	TB 2024-07-31	↓	-	W	↓	↓	↓	↓	↓	↓	↓	↓	↓		

Container Type	V	A	P	P	P	A	A	A	
Preservative				E					

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
Yunmee Han WIFI (Pace)	7/31/24 1849	WIFI (Pace)	7/31/24 1849
WIFI (Pace)	7/31/24 2100	Anthony Green	JUL 31 2024 2151
Anthony Green	8/1/24 CB15		8/1/24 CB15

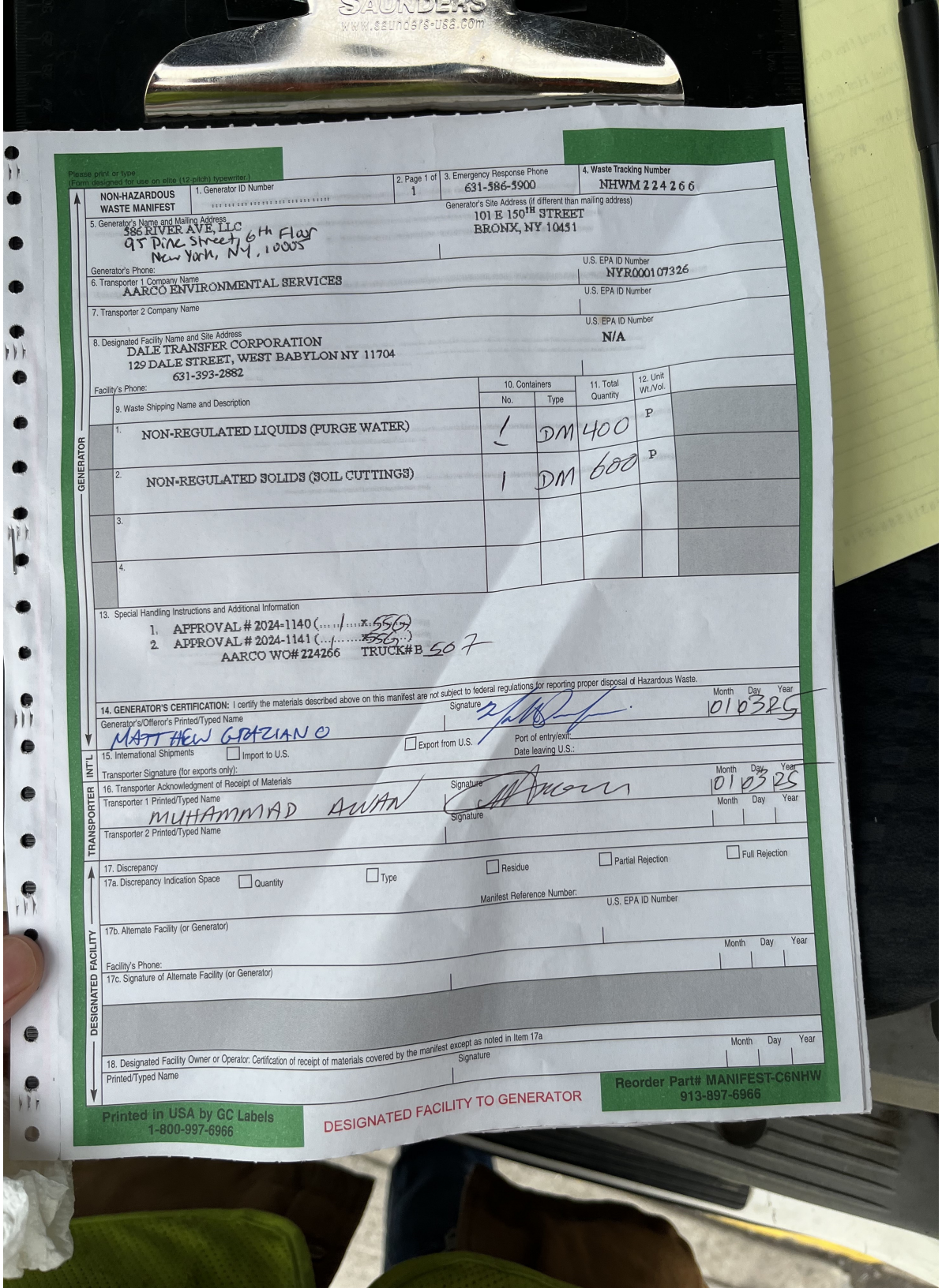
08101124-0315

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX F

INVESTIGATION-DERIVED WASTE MANIFESTS



Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:
2. Page 1 of: 1
3. Emergency Response Phone: 631-586-5900
4. Waste Tracking Number: NHWM224266

5. Generator's Name and Mailing Address:
586 RIVER AVE, LLC
95 Pine Street 6th Flaor
New York, NY, 10005

Generator's Site Address (if different than mailing address):
101 E 150TH STREET
BRONX, NY 10451

Generator's Phone:

6. Transporter 1 Company Name: AARCO ENVIRONMENTAL SERVICES
U.S. EPA ID Number: NYR000107326

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address:
DALE TRANSFER CORPORATION
129 DALE STREET, WEST BABYLON NY 11704
631-393-2882
U.S. EPA ID Number: N/A

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	NON-REGULATED LIQUIDS (PURGE WATER)	1	DM	400	P
2.	NON-REGULATED SOLIDS (SOIL CUTTINGS)	1	DM	600	P
3.					
4.					

13. Special Handling Instructions and Additional Information
1. APPROVAL # 2024-1140 (...1...550)
2. APPROVAL # 2024-1141 (...1...550)
AARCO WO# 224266 TRUCK# B 507

GENERATOR

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: MATTHEW GRAZIANO
Signature
Month Day Year: 10 03 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S.
Port of entry/exit:
Date leaving U.S.:

TRANSPORTER

Transporter Signature (for exports only):
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MUHAMMAD AWAN
Signature
Month Day Year: 10 03 25
Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
U.S. EPA ID Number
17b. Alternate Facility (or Generator)
Facility's Phone:
Month Day Year
17c. Signature of Alternate Facility (or Generator)
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name
Signature
Month Day Year

Printed in USA by GC Labels
1-800-997-6966

DESIGNATED FACILITY TO GENERATOR

Reorder Part# MANIFEST-C6NHW
913-897-6966

GZA GeoEnvironmental of New York

APPENDIX V – SSDS / SVE SYSTEM STARTUP TESTING RESULTS

Known for excellence.
Built on trust.

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION MANAGEMENT

GZA GeoEnvironmental of New York
104 West 29th Street
10th Floor
New York, NY 10001
T: 212.594.8140
F: 212.279.8180
www.gza.com

M E M O R A N D U M

Date: September 30, 2025

Re: Sub-slab Depressurization System and Soil Vapor Extraction System Startup

Site Management Plan
101 East 150th Street Project
Bronx, New York
NYSDEC Site No: C203154

GZA GeoEnvironmental of New York (GZA) has prepared this memorandum (memo) as part of the Site Management Plan (SMP) for 586 River Ave., LLC (Owner) for the Success Academy Charter School Construction Project located 101 East 150th Street, Bronx, New York (Site). This memo details results of the Sub-Slab Depressurization System (SSDS) startup and Soil Vapor Extraction (SVE) system as part of the Site's remediation.

On Tuesday, September 23, 2025, the Site's Remedial Engineer from GZA, Stephen M. Kline, P.E., and GZA engineer, Jackson Bogach, P.E., mobilized to the Site to observe and document the system start-up for the SSDS and SVE system. GZA was joined on-Site by Michael Leddy of DeMatteis Construction (Contractor).

GZA observed the final equipment installation for each system and startup of the SSDS fans (SF-1 and SF-2) and the SVE system fan (SF-3). GZA collected vacuum readings[1] from the magnehelic gauges from each vertical riser (VR-01 through VR-07) and the SVE riser (VR-08)[2] within the rooftop equipment room and collected vacuum readings from each SSDS and SVE monitoring point with a digital micro-manometer. The results from the system startup are as follows:

- The piping, valves, gauges, sampling ports, and monitoring points were visually inspected.
- The SSDS fans were initially set to approximately 5 inches of water column (in W.C.) vacuum and reduced to approximately 2.5 in W.C. vacuum during collection of vacuum readings. The system exhaust stacks were checked on the roof and verified for adequate air flow through the systems.
- After the SSDS fans were reduced to 2.5 in W.C. vacuum, the readings at the vertical risers in the cellar ranged from 2.20 in W.C. vacuum to 2.40 in W.C. vacuum.
    - VR-01 – 2.20 in W.C.
    - VR-02 – 2.40 in W.C.
    - VR-03 – 2.35 in W.C.
    - VR-04 – 2.40 in W.C.
    - VR-05 – 2.20 in W.C.
    - VR-06 – 2.30 in W.C.
    - VR-07 – 2.40 in W.C.

[1] This memo refers to "vacuum readings," which are used synonymously with "negative pressure" readings

[2] The vertical risers were previously pressure tested and confirmed to be airtight after installation. The SVE riser on 02/05/2025 and the SSDS risers on 02/26/2025.

- The vacuum readings at the SSDS monitoring points installed into the gas permeable aggregate layer below the building foundation ranged from 1.9 in W.C. vacuum to 2.05 in W.C. vacuum.
    - MP-1 – 2.00 in W.C.
    - MP-2 – 2.00 in W.C.
    - MP-3 – 1.90 in W.C.
    - MP-4 – 2.05 in W.C.
    - MP-5 – 2.02 in W.C.
    - MP-6 – 2.03 in W.C.
    - MP-7 – 1.92 in W.C.

- The SVE system fan was set to approximately 5.5 in W.C. vacuum. There was a net 0.5 in W.C. head loss across the two high activity carbon (HAC) drums installed to treat the SVE system effluent prior to discharge. Pre-HAC, Mid-HAC and Post-HAC sampling points were installed to monitor carbon usage during operation. The provided a 5.0 in W.C. vacuum on the SVE system riser (VR-8).
- However, due to exposed gas permeable aggregate gravel up to grade in the SVE trench area, minimal vacuum readings were observed from the SVE monitoring points. The vacuum readings of the SVE monitoring points ranged from 0.02 in W.C. vacuum to 0.06 in W.C. vacuum in MP-8 through MP-12 located in the SVE system trench. Additional landscaping and hardscape are being installed over the SVE trench area.

All SSDS equipment was verified to be operational as installed. The SSDS equipment and components were properly labeled. A uniform sub-slab depressurization was observed at all monitoring points and vertical risers, demonstrating connectivity of the gas permeable aggregate and adequate fan sizing and performance. The SSDS will perform full-time operation prior to building occupancy under the SMP.

All SVE system equipment was verified to be operational as installed. The equipment setup and labels were verified for the SVE system. However, due to the current surface cover of exposed gravel along the SVE system trench area on the west side of the Site, the monitoring points had minimal vacuum readings. These SVE system monitoring points will be re-measured for connectivity after the completion of landscaping, and the SVE system begins full-time operation under the SMP.

Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C203154

System ID: SSDS

Site Name: 101 East 150th Street

Owner Name: 586 River Ave., LLC/GZA GeoEnvironmental

☒ Owner Occupied

System Address: 101 East 150th Street

Telephone: OFC: 646-597-4641

City: Bronx Zip: 10451

Alt. Telephone: GZA:212-594-8140

Contractor Information

Installer Name: Michael Leddy

Company: Leon D. DeMatteis

Telephone: OFC: 516-285-5500

Building Conditions

Building Type: School

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☒ Sump ☒ Floor drain ☐ Perimeter drain ☐ Other

Describe:

The building contains sump pumps at the base of each elevator pit, floor drains, and an ejector pit.

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

No observed water.

System Installation

Installation Type: Sub-Slab Depressurization (Active)

Date Installed: 09/23/2025

Slab Thickess (inches): >5 in.

Subslab Material: Gravel

Subslab Moisture: Dry

Number of Suction Points: 5

Number of Fans Installed: 2

	☒ Fan #1 Operating	☒ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):	GBR123	GBR123	
Fan Serial No(s):	4307	4309	
Final U-Tube Levels:	2.5 in W.C.	2.5 in W.C.	

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☒ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

Number of suction points is 16 (this form only allows up to 5). SSDS has 2 fans, 7 vertical risers, and 16 sub-slab SSDS pit locations (suction points). New building construction contains a new floor and a chemical vapor barrier.

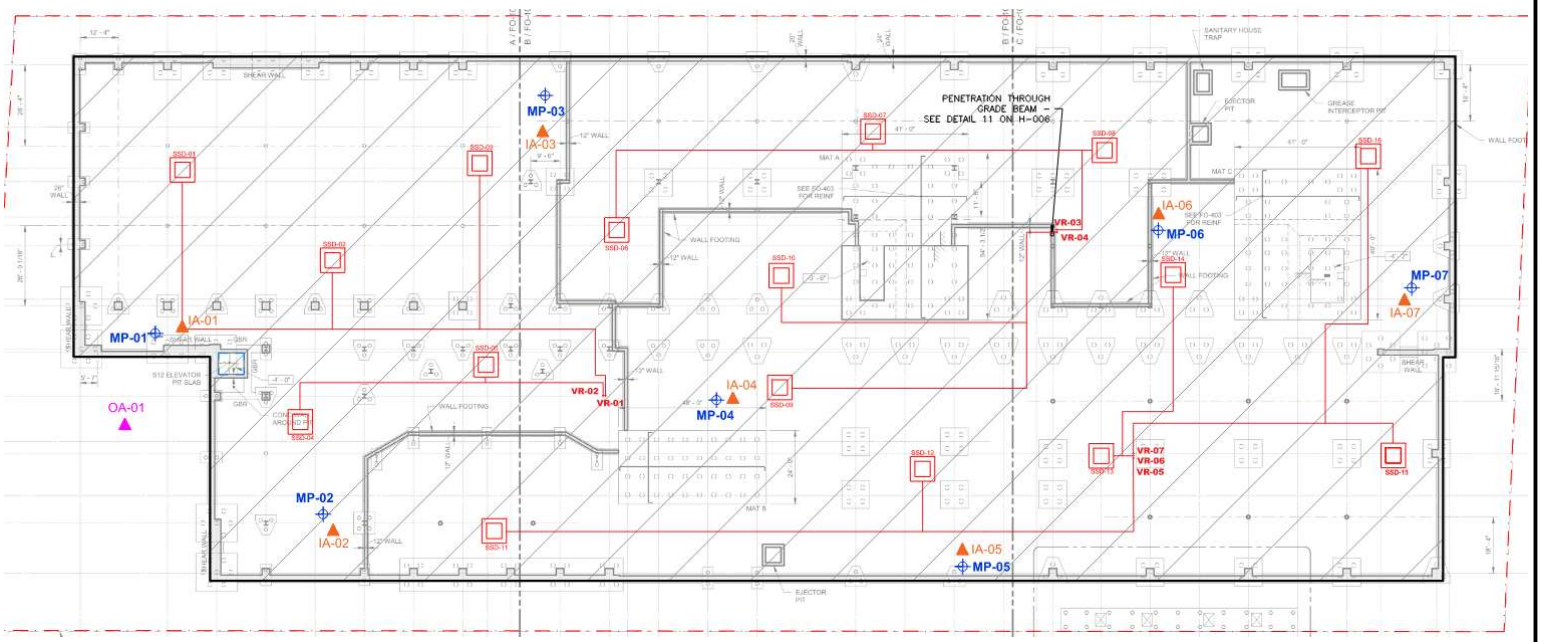
Communication Testing

Test Method: Micromanometer Meter Type/Manufacturer: Infiltec DM1 Micromanometer

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
MP-01	2.00 in. W.C.	55'	☒
MP-02	2.00 in. W.C.	30'	☒
MP-03	1.90 in. W.C.	50'	☒
MP-04/MP-05	2.05 in. W.C./2.02 in. W.C.	20'/30'	☒
MP-06/MP-07	2.03 in. W.C./1.92 in. W.C.	10'/40'	☒

NORTH

System Sketch
(indicate notable features, location of extraction points, and communication test holes)



Mitigation System Installation Record

☐ Structure was sampled previously

System Information

Site No: C203154

System ID: SVE System

Site Name: 101 East 150th Street

Owner Name: 586 River Ave., LLC/GZA GeoEnvironmental

☒ Owner Occupied

System Address: 101 East 150th Street

Telephone: OFC: 646-597-4641

City: Bronx Zip: 10451

Alt. Telephone: GZA: 212-594-8140

Contractor Information

Installer Name: Michael Leddy

Company: Leon D. DeMatteis Construction

Telephone: 516-285-5500

Building Conditions

Building Type: School

Slab Integrity: ○ Poor ○ Average ○ Good ◉ Excellent

Slab Penetrations: ☒ Sump ☒ Floor drain ☐ Perimeter drain ☐ Other

Describe:

The building contains sump pumps at the base of each elevator pit, floor drains, and an ejector pit.

Observed Water: ◉ Dry ○ Damp ○ Sump only ○ Standing

Describe:

No observed water.

System Installation

Installation Type: Soil Vapor Extraction

Date Installed: 09/23/2025

Slab Thickess (inches): >5 in.

Subslab Material: Gravel

Subslab Moisture: Dry

Number of Suction Points: 1

Number of Fans Installed: 1

	☒ Fan #1 Operating	☐ Fan #2 Operating	☐ Fan #3 Operating
Fan Model No(s):	GBR123		
Fan Serial No(s):	4308		
Final U-Tube Levels:	5.5 in W.C.		

Additional Mitigation Elements (check all that apply):

☐ Drainjer ☐ Membrane ☐ Sealed cracks ☒ New floor ☐ Rain cap ☐ Other

Comments:

Soil Vapor extraction system is outside of the building footprint on the west side of the site. The surface cover is partially hardscape with a minimum 6-inch concrete slab and partially 6-inch minimum of topsoil. System will be optimized during the SMP Implementation.

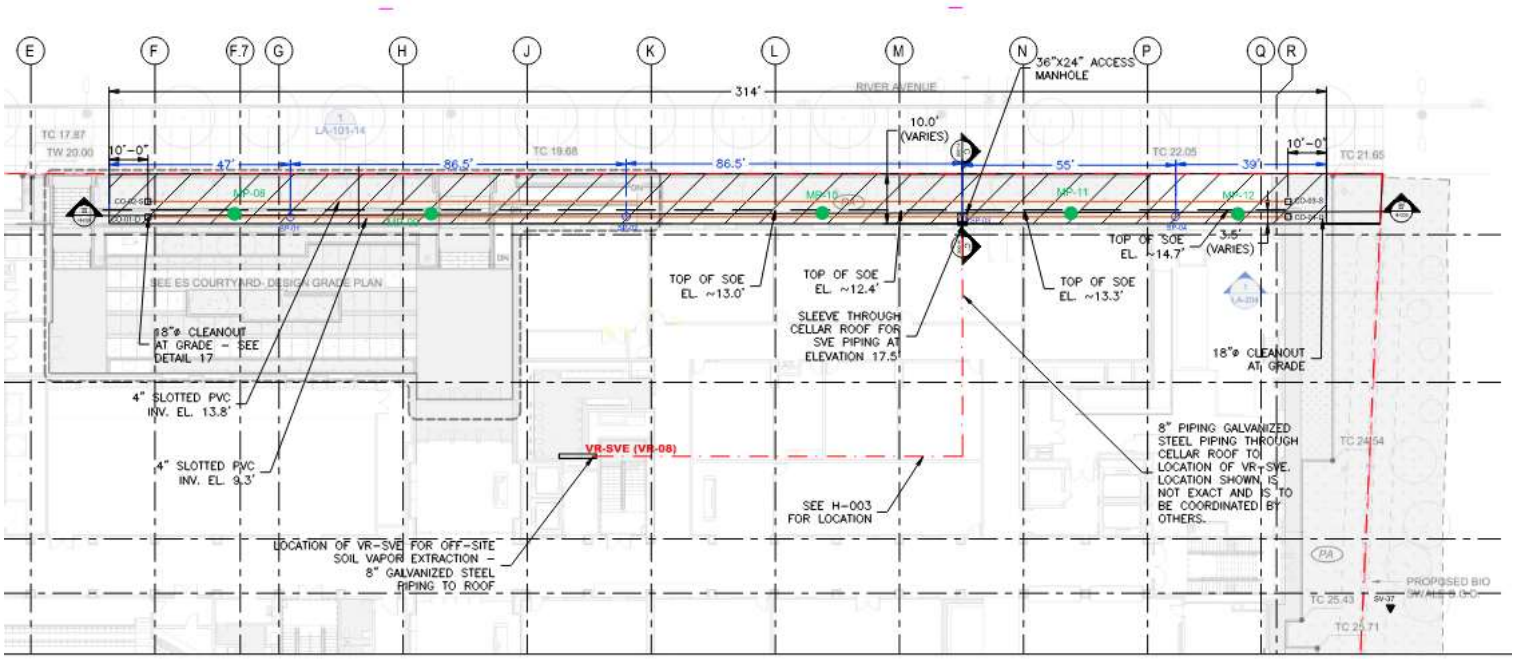
Communication Testing

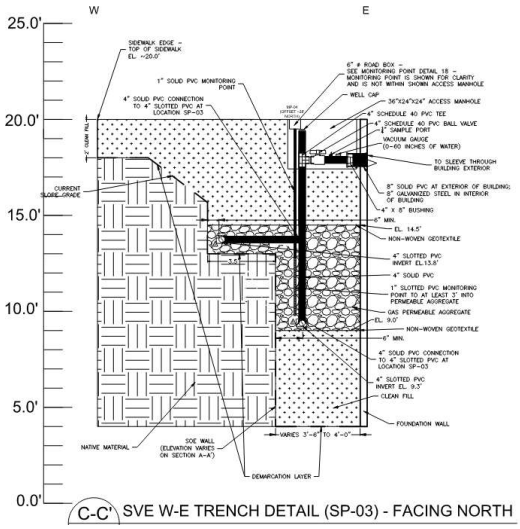
Test Method: Micromanometer Meter Type/Manufacturer: Infiltec DM1 Micromanometer

Location	Reading/Result	Dist. From Suction Point (ft)	Passed?
MP-08	0.03 in. W.C.	5'	☐
MP-09	0.002 in. W.C.	5'	☐
MP-10	0.002 in. W.C.	5'/50	☐
MP-11	0.006 in. W.C.	5'/50	☐
MP-12	0.002 in. W.C.	5'/100	☐

System Sketch
(indicate notable features, location of extraction points, and communication test holes)

NORTH





GZA GeoEnvironmental of New York