8 March 2022
File No. 0204520

Via Electronic Mail

Yoel Barminka
162 Manhattan Avenue
Brooklyn, NY 11206

Attention: Mr. Yoel Barminka

RE: Limited Phase II Environmental Site Investigation Report
91 Bruckner Boulevard
Bronx, New York

Dear Mr. Barminka:

As requested, Haley & Aldrich of New York (Haley & Aldrich), is providing this letter to summarize the results of the Limited Phase II Environmental Site Investigation (ESI) completed at the property located at 91 Bruckner Boulevard, Bronx, New York (the "Site") on 8 February 2022.

SITE LOCATION

The Site, identified as Block 2278 Lot 1 on the New York City tax map in a residential/manufacturing R6A/M1-2 Special Mixed-Use MX-1 district, is 14,500 square feet (sf) and is currently improved with a vacant one-story warehouse. Access to the vacant warehouse is provided by locked roll-up doors along Bruckner Boulevard and Willis Avenue. The Site is bound by mixed-use and residential properties to the north, a warehouse designated as parking to the west, Bruckner Boulevard followed by Pulaski Park to the south, and Willis Avenue followed by a commercial restaurant to the west. The Site is located within a mixed use area characterized by warehouses, open space, commercial, industrial and residential buildings. The Site is located in an Environmental "En Zone" identified as Census Tract 19.

Although future development plans are in preliminary design phases, the proposed development will consist of constructing a new mixed use (residential and commercial), mixed income building with affordable residential rental units pursuant to 421a. The new development is anticipated to include one full cellar level encompassing the Site footprint.

BACKGROUND

Based on a Phase I Environmental Site Assessment (ESA) completed by P.W. Grosser Consulting. Inc. (PWGC) for the Site in September 2021, the Site was developed as early as the 1900s with residential buildings. By 1935, the western portion of the property was initially used for residential and commercial purposes and the eastern portion was used for industrial purposes. By 1985, the western portion of the Site was also used for industrial purposes.

Historical use of the surrounding properties up- and cross-gradient to the Site includes mixed-use buildings to the north, east and west and open space and a transportation facility south of the Site.

PREVIOUS ENVIRONMENTAL INVESTIGATIONS

Previous investigation conducted at the Site are summarized below.

- In September 2021, PWGC prepared a Phase I for the Site. The following Recognized Environmental Condition (REC) was identified:

  Historical usage of the Site indicative of potential recognized environmental conditions (RECs) includes: historical usage as a parking garage with three identified gasoline tanks; historical usage as a waterproofing company; and historical usage as a denaturing plant.

Copies of the Phase I report is provided in Attachment A.

SUBSURFACE INVESTIGATION

On 8 February 2022, Haley & Aldrich mobilized to the Site with Lakewood Environmental Services, Corp. (Lakewood) to perform the Limited Phase II ESI which included the installation of six soil borings, two temporary sub-slab soil vapor points using a direct-push Geoprobe® drill rig, and collection of one surface soil sample in the partial cellar near former USTs in the warehouse, 12 soil samples and two sub-slab soil vapor samples. A photo log documenting the Phase II is provided in Attachment B.

A Haley & Aldrich field personnel was on-site to document field observations and to collect soil and sub-slab soil vapor samples. Boring locations were chosen to assess the impacts from the potential on- and off-site sources and to characterize subsurface conditions at the Site. The six soil borings were installed throughout the Site to depths ranging from 10 to 15 feet bgs. Two temporary sub-slab soil vapor points, SS-01 and SS-02, were installed immediately below the concrete slab, located adjacent to soil borings HA-03 and HA-05, respectively.

Urban fill generally consisting of brown to dark brown to light gray, sand with varying amounts of gravel, brick, asphalt, glass, ceramic, and silt was observed from surface grade to approximately 5 to 15 ft bgs in each soil boring. The urban fill layer was underlain by a potential native layer consisting of brown to light brown sand with varying amounts of silt, gravel, and intermittent clay lenses (clay observed in HA-05 only). Soil samples were collected continuously, characterized, and screened for visual and olfactory evidence of contamination such as staining and odors. Instrumental screening for the presence of organic vapors was performed using a photoionization detector (PID). No apparent subsurface impacts were observed, including odors and staining, and PID readings of non-detect at 0.0 parts per million (ppm) were recorded. Groundwater was not encountered, and therefore not included as part of this investigation.

Two soil samples were collected from each soil boring, and one soil sample was collected from the surface in the partial cellar near the former USTs. Soil samples were analyzed for volatile organic compounds (VOCs), SVOCs, total metals and polychlorinated biphenyls (PCBs). Based on the elevated concentration of lead detected in one soil sample, HA-06_0-2, further analysis was conducted to via the total and toxicity characteristic leaching procedure (TCLP) for lead to determine if the soil exhibits the characteristic of toxicity (i.e., hazardous waste). Soil boring logs are included in Attachment C.

Two sub-slab soil vapor samples were collected over a 2-hour period into 2.7L stainless-steel summa canisters supplied by the laboratory and analyzed for VOCs. Sample locations are provided in Figure 1 and a sample collection summary is provided as Table 1. All samples were collected into laboratory provided containers, placed on ice in coolers, and shipped by courier to Alpha Analytical, Inc. of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Sub-slab soil vapor sampling logs are included in Attachment C.

RESULTS

Full analytical results for soil and sub-slab soil vapor are provided in Tables 2, 3 and 4, detections above regulatory criteria and/or guidance values are summarized in Figures 2, 3 and 4, and laboratory analytical reports are provided in Attachment D.

Soil

Soil analytical results were compared to NYSDEC Title 6 NYCRR Part 375 UUSCOs and Restricted-Residential Use Soil Cleanup Objectives (RRSCOs).

Multiple SVOCs, specifically polyaromatic hydrocarbons (PAHs), were identified in both shallow and deep soil samples collected from historical fill exceeding both UUSCOs and RRSCOs. Six SVOCs including benzo(a)anthracene (maximum concentration 6.5 milligrams per kilogram [mg/kg] in HA-05_8-10), benzo(a)pyrene (maximum concentration 4.6 mg/kg in HA-05_8-10), benzo(b)fluoranthene (maximum concentration 6.4 mg/kg in HA-05_8-10), chrysene (maximum concentration 5.6 mg/kg in HA-05_8-10), dibenzo(a,h)anthracene (maximum concentration 0.75 mg/kg in HA-05_8-10), and indeno(1,2,3-cd)pyrene (maximum concentration 3.4 mg/kg in HA-05_8-10) were identified above RRSCOs in soil samples from immediately below the concrete slab up to 10 feet bgs. Additionally, benzo(k)fluoranthene (maximum concentration 1.9 mg/kg in HA-05_8-10) was detected in both shallow (0-2') and deep (8-10') locations at HA-05 above UUSCOs. No other SVOCs exceeded UUSCOs or RRSCOs.

Metals including arsenic (maximum concentration of 16.1 mg/kg in surface soil sample SS-01_0-0.5), barium (maximum concentration of 646 mg/kg in HA-05_8-10), copper (maximum concentration of 371 mg/kg in HA-02_5-6), lead (maximum concentration of 23,400 mg/kg in HA-06_0-2), and mercury (maximum concentration of 1.24 mg/kg in HA-02_5-6) were detected above RRSCOs, with cadmium (maximum concentration of 2.78 mg/kg in HA-05_8-10), nickel (maximum concentration of 37.7 mg/kg in HA-04_3-4), and zinc (maximum concentration of 1,170 mg/kg in HA-05_8-10) identified above the UUSCOs, but below RRSCOs.

One soil sample, HA-06_0-2, was further analyzed via TCLP lead and compared to the USEPA Allowable Limit for Toxicity Characteristic. Analytical results for TCLP lead in HA-06_0-2 indicate a concentration of 13.4 milligrams per liter (mg/L), which exceeds the USEPA allowable limit of 5 mg/L for hazardous waste. No other soil sample was analyzed via TCLP.

Full soil analytical results are provided in Tables 2 and 3 and laboratory reports are included in Attachment D.

Soil Vapor

Total VOC concentrations in soil vapor samples ranged from 222.069 micrograms per cubic meter ($\mu g/m^3$) in SS-02_20220208 569.717 to 569.717 $\mu g/m^3$ in sample SS-01_20220208. Total benzene,

ethylbenzene, toluene, and total xylenes (BTEX) concentrations ranged from 95.2 µg/m^3 in SS-02_20220208 to 139.61 µg/m^3 in SS-01_20220208.

Sub-slab soil vapor analytical results were compared to the New York State Department of Health (NYSDOH) Air Guideline Values (AGV) specified in the NYSDOH guidance document. Tetrachloroethene (PCE) was detected in sub-slab soil vapor sample SS-01_20220208 at a concentration of 343 µg/m^3, above the AGV of 30 µg/m^3. PCE was also detected at low-level concentrations (below UUSCOs) in soil samples collected from borings HA-01 through HA-03 from surface grade up to 8 feet bgs. Trichloroethene (TCE) was detected in sub-slab soil vapor sample SS-01_20220208 at a concentration of 1.75 µg/m^3, but below the AGV of 2 µg/m^3.

The sub-slab soil vapor sample results were also evaluated using the NYSDOH Decision Matrices A, B and C (updated May 2017) as referenced in the 2006 NYSDOH Soil Vapor Intrusion Guidance document. Indoor air was not sampled; therefore, the soil vapor concentrations were compared to the matrices to provide a range of recommended potential response measures. Of the compounds evaluated in the NYSDOH Decision Matrices, PCE, TCE and methylene chloride were detected in sub-slab soil vapor samples. A brief summary of the NYSDOH Decision Matrix comparison for the three chlorinated VOCs detected in sub-slab soil vapor is provided below:

- PCE was detected in sub-slab soil vapor sample SS-01_20220208 at a concentration of 343 µg/m^3. Based on the sub-slab soil vapor concentrations of PCE, the NYSDOH Decision Matrix B actions range from “no further action” to “mitigate” depending on indoor air concentrations.

- Methylene chloride was detected in sub-slab soil vapor sample SS-02_20220208 at a concentration of 5.14 µg/m^3. Based on the sub-slab soil vapor concentrations of methylene chloride, the NYSDOH Decision Matrix B actions range from “no further action” to “identify source(s) and resample or mitigate” depending on indoor air concentrations.

- TCE was detected in sub-slab soil vapor sample SS-01_20220208 at a concentration of 1.75 µg/m^3. Based on the sub-slab soil vapor concentrations of TCE, the NYSDOH Decision Matrix A actions range from “no further action” to “identify source(s) and resample or mitigate” depending on indoor air concentrations.

Full soil vapor analytical results are provided in Table 4 and the laboratory report in Attachment D.

CONCLUSIONS AND RECOMMENDATIONS

Field observations and analytical results identified historical urban fill contaminated with heavy metals and SVOCs (specifically PAHs) at concentrations consistent with characteristics of urban fill found throughout the New York City area. SVOCs and total metals exceeding RRSCOs were observed widely distributed throughout the Site in urban fill, up to 10 feet bgs. A lead hotspot was identified in soil collected from boring HA-06 from immediately below the concrete slab to a depth of 2 feet bgs in the north-central region of the Site. Sub-slab soil vapor is impacted with chlorinated VOCs, specifically PCE which was identified above the NYSDOH AGVs in one sub-slab soil vapor sample in the southeast region of the Site. Further delineation would be required to determine the extent of hazardous lead in soils in the north-central region of the Site. Considering PCE was identified in Site soil and sub-slab soil vapor, an on-site source may exist.

Should you have any questions regarding the findings or recommendations, please do not hesitate to contact us.

Sincerely,
Haley & Aldrich of New York

DRAFT

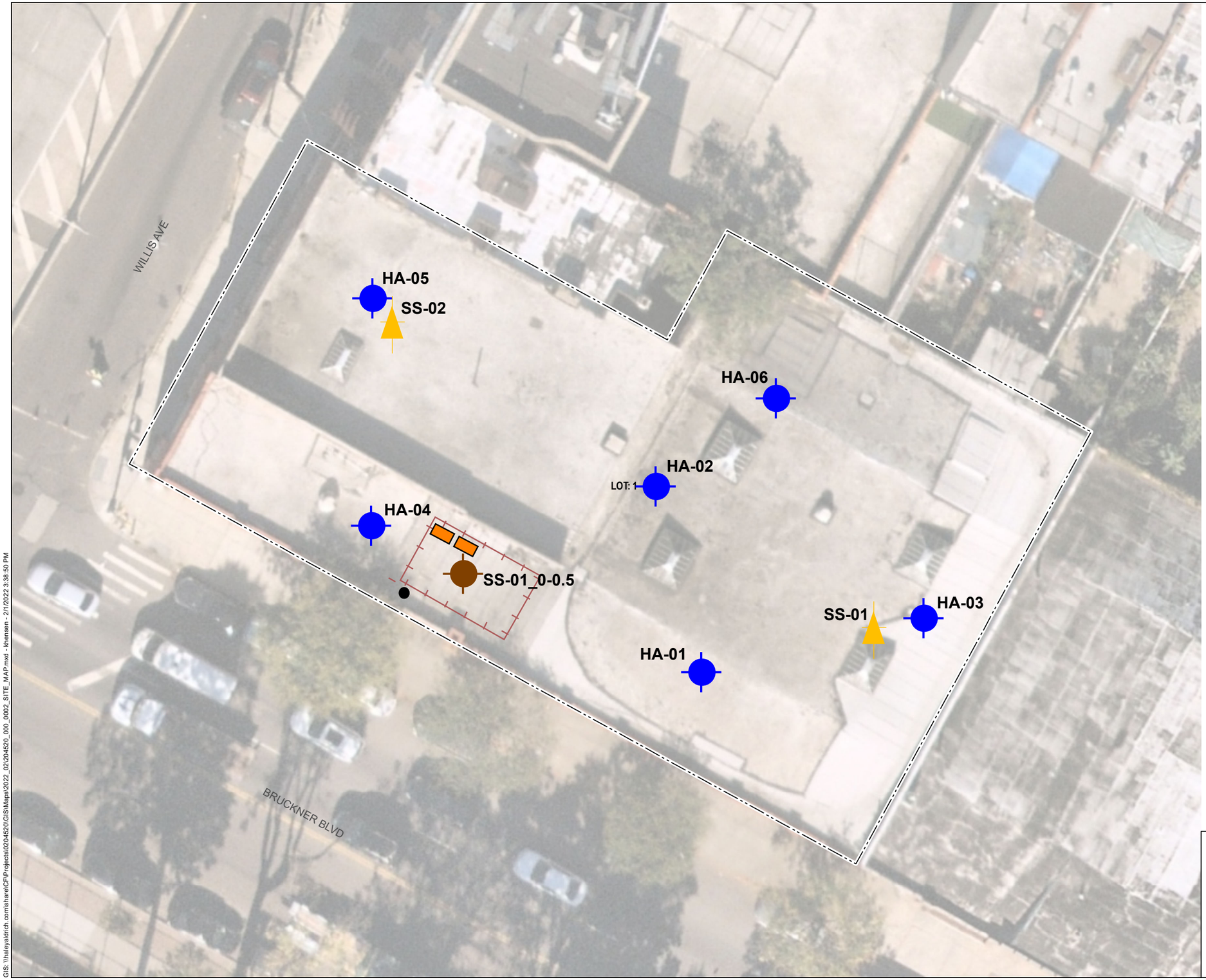
James M. Bellew
Principal

DRAFT

Emily L. Snead, PG
Senior Project Manager

Attachments:
Figure 1 – Sample Location Map
Figure 2 – Map of Soil Chemistry
Figure 3– Map of TCLP Lead in Soil
Figure 4 – Map of Sub-Slab Soil Vapor Chemistry
Table 1 – Sample Collection Summary
Table 2 – Soil Analytical Results
Table 3 – TCLP Lead in Soil Analytical Results
Table 4 – Sub-Slab Soil Vapor Analytical Results
Attachment A – Previous Reports
Attachment B – Site Photo Log
Attachment C – Soil Boring Logs and Soil Vapor Sample Logs
Attachment D – Laboratory Reports

FIGURES



LEGEND

- BLOCK 2278 SITE BOUNDARY
- ABOVEGROUND STORAGE TANK
- APPROXIMATE BOILER ROOM LOCATION
- FILL PORT
- SOIL BORING
- SUB-SLAB SOIL VAPOR SAMPLE
- SURFACE SOIL SAMPLE

NOTES

1. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
2. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021
3. SAMPLE SOIL FOR: VOCS, SVOCS, TOTAL METALS AND PCBS
4. INSTALL SUB-SLAB VAPOR POINTS SAMPLE FOR: VOCS VIA TO-15 ANALYSIS

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PHASE II ENVIRONMENTAL SITE INVESTIGATION
91 BRUCKNER BOULEVARD
BRONX, NEW YORK

SAMPLE LOCATION PLAN

MARCH 2022

FIGURE 1

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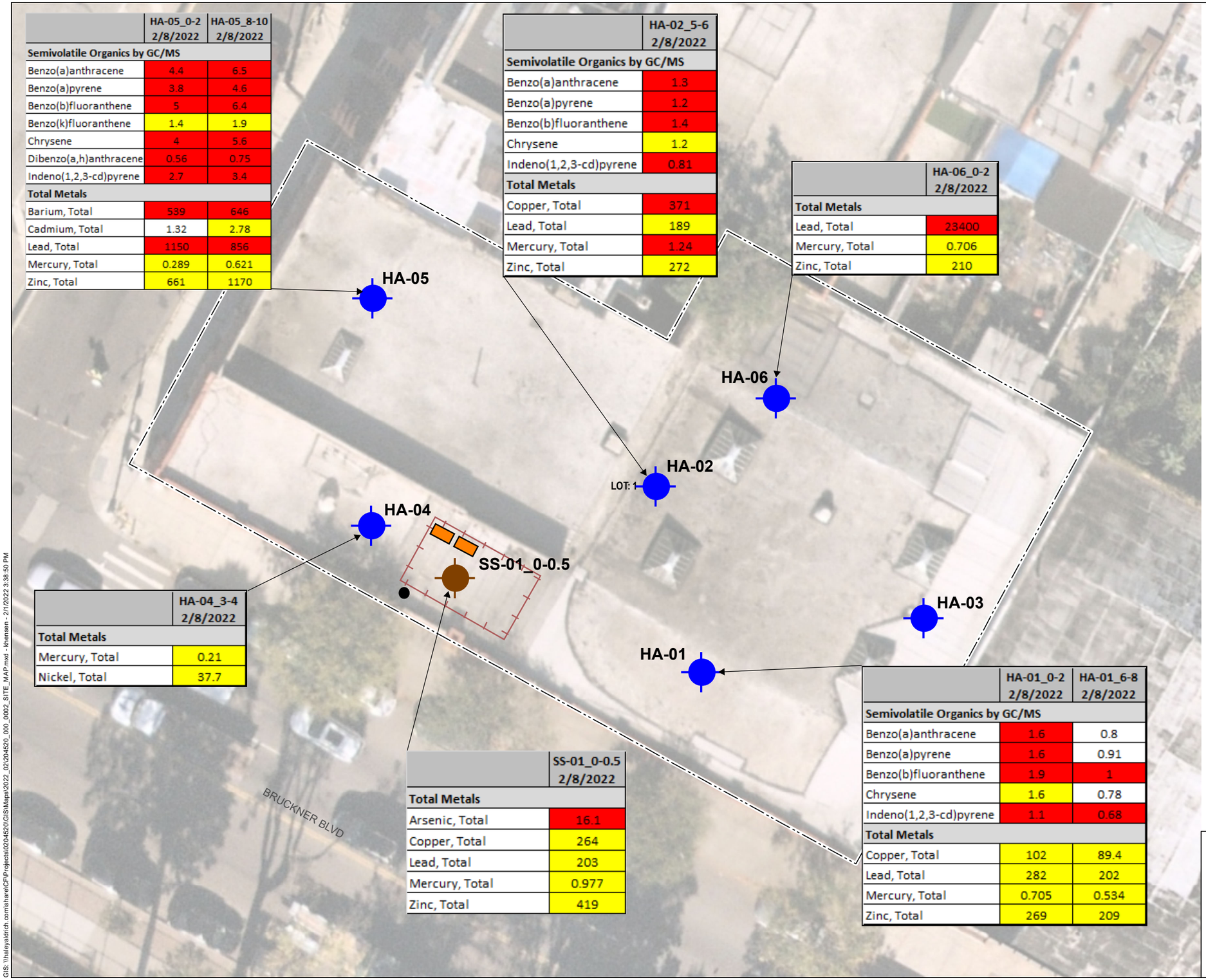

	HA-05_0-2 2/8/2022	HA-05_8-10 2/8/2022
Semivolatile Organics by GC/MS		
Benzo(a)anthracene	4.4	6.5
Benzo(a)pyrene	3.8	4.6
Benzo(b)fluoranthene	5	6.4
Benzo(k)fluoranthene	1.4	1.9
Chrysene	4	5.6
Dibenzo(a,h)anthracene	0.56	0.75
Indeno(1,2,3-cd)pyrene	2.7	3.4
Total Metals		
Barium, Total	539	646
Cadmium, Total	1.32	2.78
Lead, Total	1150	856
Mercury, Total	0.289	0.621
Zinc, Total	661	1170

	HA-02_5-6 2/8/2022
Semivolatile Organics by GC/MS	
Benzo(a)anthracene	1.3
Benzo(a)pyrene	1.2
Benzo(b)fluoranthene	1.4
Chrysene	1.2
Indeno(1,2,3-cd)pyrene	0.81
Total Metals	
Copper, Total	371
Lead, Total	189
Mercury, Total	1.24
Zinc, Total	272

	HA-06_0-2 2/8/2022
Total Metals	
Lead, Total	23400
Mercury, Total	0.706
Zinc, Total	210

	HA-04_3-4 2/8/2022
Total Metals	
Mercury, Total	0.21
Nickel, Total	37.7

	SS-01_0-0.5 2/8/2022
Total Metals	
Arsenic, Total	16.1
Copper, Total	264
Lead, Total	203
Mercury, Total	0.977
Zinc, Total	419

	HA-01_0-2 2/8/2022	HA-01_6-8 2/8/2022
Semivolatile Organics by GC/MS		
Benzo(a)anthracene	1.6	0.8
Benzo(a)pyrene	1.6	0.91
Benzo(b)fluoranthene	1.9	1
Chrysene	1.6	0.78
Indeno(1,2,3-cd)pyrene	1.1	0.68
Total Metals		
Copper, Total	102	89.4
Lead, Total	282	202
Mercury, Total	0.705	0.534
Zinc, Total	269	209

LEGEND

- BLOCK 2278 SITE BOUNDARY
- ABOVEGROUND STORAGE TANK
- APPROXIMATE BOILER ROOM LOCATION
- FILL PORT
- SOIL BORING
- SURFACE SOIL SAMPLE

Analyte	Units	NY-RESRR	NY-UNRES
Semivolatile Organics by GC/MS			
Benzo(a)anthracene	mg/kg	1	1
Benzo(a)pyrene	mg/kg	1	1
Benzo(b)fluoranthene	mg/kg	1	1
Benzo(k)fluoranthene	mg/kg	3.9	0.8
Chrysene	mg/kg	3.9	1
Dibenzo(a,h)anthracene	mg/kg	0.33	0.33
Indeno(1,2,3-cd)pyrene	mg/kg	0.5	0.5
Total Metals			
Arsenic, Total	mg/kg	16	13
Barium, Total	mg/kg	400	350
Cadmium, Total	mg/kg	4.3	2.5
Copper, Total	mg/kg	270	50
Lead, Total	mg/kg	400	63
Mercury, Total	mg/kg	0.81	0.18
Nickel, Total	mg/kg	310	30
Zinc, Total	mg/kg	10000	109

1.Yellow shaded results exceed Unrestricted SCOs.
2.Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
3.NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
4.NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
5.The units are mg/kg (Milligrams per kilogram).

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91 BRUCKNER BOULEVARD
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MAP OF SOIL CHEMISTRY

MARCH 2022

FIGURE 2

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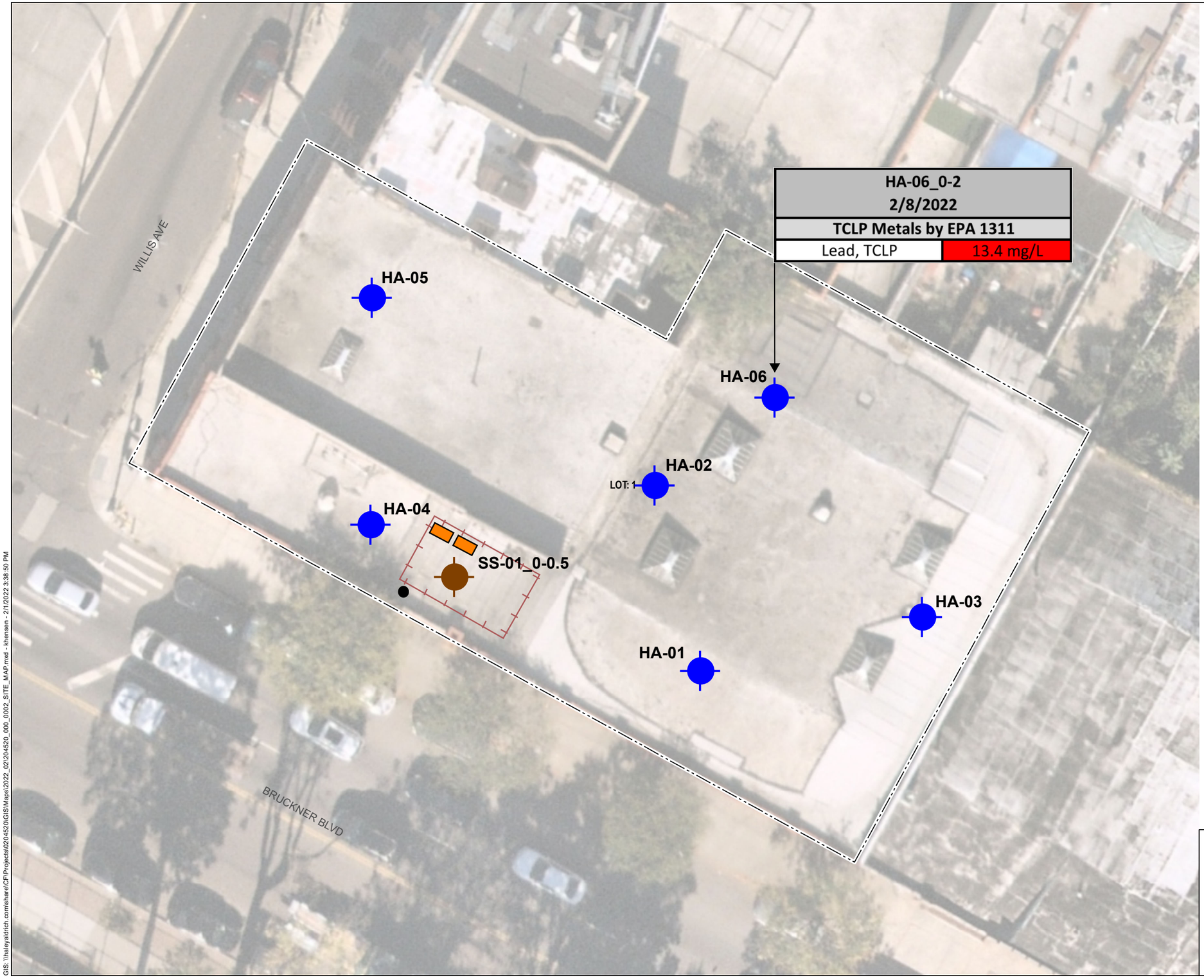

LEGEND

- BLOCK 2278 SITE BOUNDARY
- ABOVEGROUND STORAGE TANK
- APPROXIMATE BOILER ROOM LOCATION
- FILL PORT
- SOIL BORING
- SURFACE SOIL SAMPLE

USEPA Allowable Limit for Toxicity Characteristic	
TCLP Metals by EPA 1311	
Lead, TCLP	5.0 mg/L

NOTES

1. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
2. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021
3. SAMPLE SOIL FOR: VOCS, SVOCS, TOTAL METALS AND PCBS
4. MILLIGRAMS PER LITER - MG/L
5. TCLP - TOXICITY CHARACTERISTIC LEACHING PROCEDURE / USEPA STANDARD PROTOCOL TO EVALUATE METAL LEACHABILITY IN WASTES AND CONTAMINATED SOILS

1.Yellow shaded results exceed Unrestricted SCOs.
2.Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
3.NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
4.NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
5.The units are mg/kg (Milligrams per kilogram).

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91 BRUCKNER BOULEVARD
BRONX, NEW YORK

MAP OF TCLP LEAD IN SOIL

MARCH 2022

FIGURE 3

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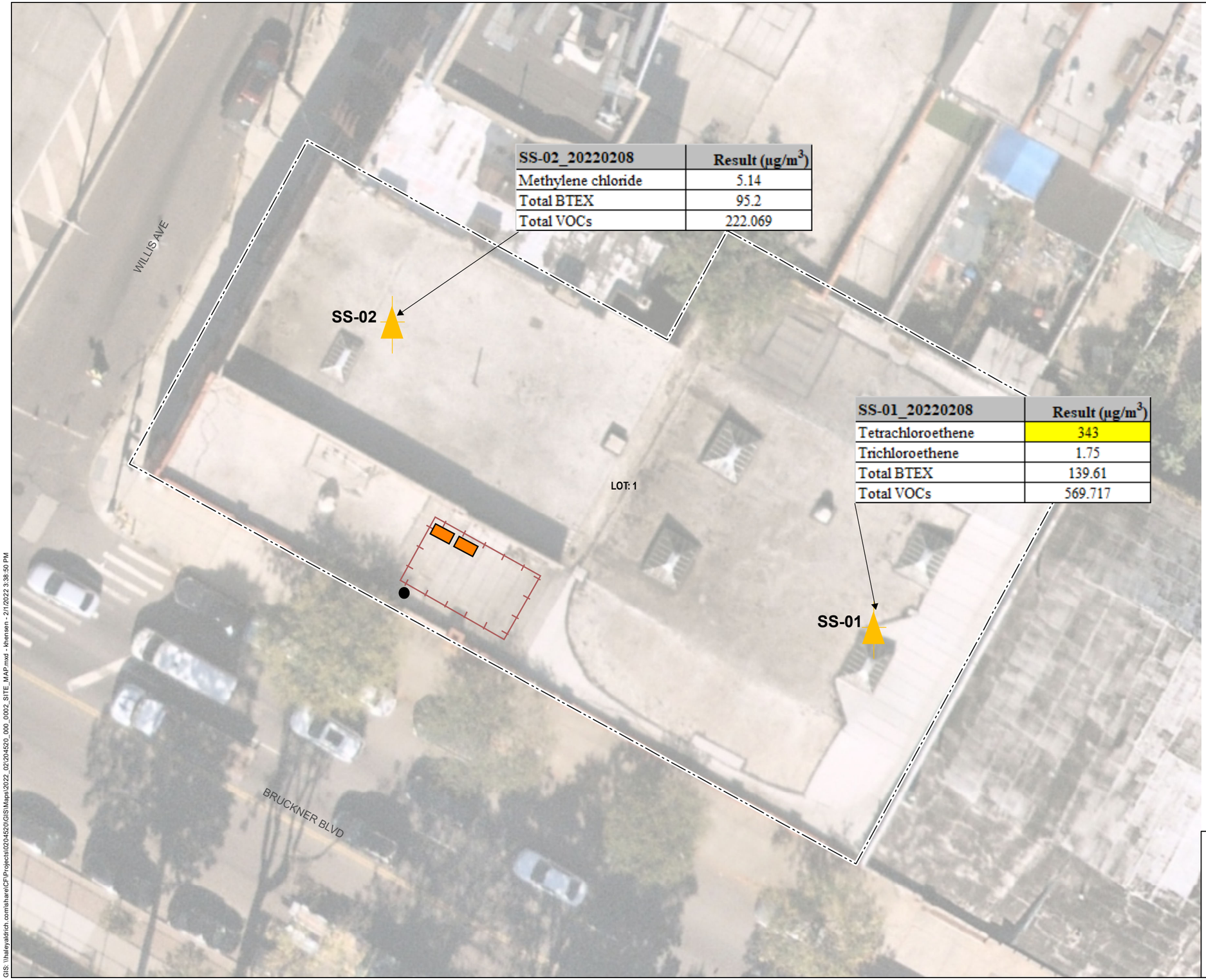

LEGEND

- BLOCK 2278 SITE BOUNDARY
- ABOVEGROUND STORAGE TANK
- APPROXIMATE BOILER ROOM LOCATION
- FILL PORT
- SUB-SLAB SOIL VAPOR SAMPLE

	NYSDOH AGVs	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units
Methylene chloride	60	-	100	-	ug/m^3
Tetrachloroethene	30	-	100	-	ug/m^3
Trichloroethene	2	6	-	-	ug/m^3

1. Yellow shaded result exceeds New York DOH AGV and/or triggers action based on comparison to New York DOH Soil Vapor Intrusion Decision Matrices
2. µg/m3 = micrograms per cubic meter.
3. NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
4. NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
5. NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
6. New York DOH Air Guidance Values Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

NOTES

1. ASSESSOR PARCEL DATA SOURCE: KINGS COUNTY
2. AERIAL IMAGERY SOURCE: NEARMAP, 19 OCTOBER 2021
3. SAMPLE SOIL FOR: VOCS, SVOCS, TOTAL METALS AND PCBS
4. INSTALL SUB-SLAB VAPOR POINTS SAMPLE FOR: VOCS VIA TO-15 ANALYSIS

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PHASE II ENVIRONMENTAL SITE INVESTIGATION
91 BRUCKNER BOULEVARD
BRONX, NEW YORK

MAP OF SUB-SLAB SOIL VAPOR CHEMISTRY

MARCH 2022

FIGURE 4

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TABLES

Table 1: Soil Sample Collection Summary
91 Bruckner Blvd, Bronx, NY
Phase II Environmental Site Investigation Report
Project No. 0204520

Sample Location	Sample ID	Sample Rationale	Sample Type	Sample Depth (feet bgs)	Sample Date	Analytical Parameters
SOIL SAMPLES						
HA-01	HA-01_0-2	Shallow Urban Fill (0-2')	Grab	0-2	2/8/2022	NYSDEC Part 375/ TCL VOCs, SVOCs, Total TAL Metals, PCBs
	HA-01_6-8	Urban Fill or greatest impacts	Grab	6-8	2/8/2022	
HA-02	HA-02_0-2	Shallow Urban Fill (0-2')	Grab	0-2	2/8/2022	NYSDEC Part 375/ TCL VOCs, SVOCs, Total TAL Metals, PCBs
	HA-02_5-6	Urban Fill or greatest impacts	Grab	5-6	2/8/2022	
HA-03	HA-03_0-1	Shallow Urban Fill (0-1') - Beneath slab	Grab	0-1	2/8/2022	NYSDEC Part 375/ TCL VOCs, SVOCs, Total TAL Metals, PCBs
	HA-03_1-2	Urban Fill or greatest impacts	Grab	1-2	2/8/2022	
HA-04	HA-04_0-2	Shallow Urban Fill (0-2')	Grab	0-2	2/8/2022	NYSDEC Part 375/ TCL VOCs, SVOCs, Total TAL Metals, PCBs
	HA-04_3-4	Urban Fill or greatest impacts	Grab	3-4	2/8/2022	
HA-05	HA-05_0-2	Shallow Urban Fill (0-2') - Beneath slab	Grab	0-2	2/8/2022	NYSDEC Part 375/ TCL VOCs, SVOCs, Total TAL Metals, PCBs
	HA-05_8-10	Deep Urban Fill	Grab	8-10	2/8/2022	
HA-06	HA-06_0-2	Shallow Urban Fill (0-2')	Grab	0-2	2/8/2022	NYSDEC Part 375/ TCL VOCs, SVOCs, Total TAL Metals, PCBs, TCLP Lead
	HA-06_3-4	Urban Fill or greatest impacts	Grab	3-4	2/8/2022	NYSDEC Part 375/ TCL VOCs, SVOCs, Total TAL Metals, PCBs
SS-01	SS-01_0-0.5	Collect surface soil sample in partial cellar near former USTs in warehouse - mark location on map	Grab	0-0.5	2/8/2022	NYSDEC Part 375/ TCL VOCs, SVOCs, Total TAL Metals, PCBs
SUB-SLAB SOIL VAPOR SAMPLES						
SS-01	SS-01_20220208	Install immediately below slab	Sub-Slab	Immediately below concrete slab	2/8/2022	TO-15 VOCs
SS-02	SS-02_20220208	Install immediately below slab	Sub-Slab	Immediately below concrete slab	2/8/2022	TO-15 VOCs

Notes:
1. NYSDEC Part 375 - New York State Department of Environmental Conservation (NYSDEC) Title 6 of the New York Codes, Rules, and Regulations (6 NYCRR) Part 375 analyze list
3. VOC - Volatile Organic Compound
4. SVOC - Semivolatile Organic Compound
5. PCB - Polychlorinated Biphenyl
6. TCL - Target Compound List
7. TAL - Target Analyze List
8. TCLP - Toxicity Characteristic Leaching Procedure
9. QA/QC - Quality Assurance/Quality Control
10. feet bgs - below grade surface; approximate depth below the concrete slab
11. N/A - Not Applicable

Table 2: Soil Analytical Results
91 Bruckner Blvd, Bronx, NY
Phase II Environmental Site Investigation Report
Project No. 0204520

LOCATION				HA-01_0-2		HA-01_6-8		HA-02_0-2		HA-02_5-6		HA-03_0-1		HA-03_1-2		HA-04_0-2		HA-04_3-4		HA-05_0-2		HA-05_8-10		HA-06_0-2		HA-06_3-4		SS-01_0-0.5	
SAMPLING DATE				2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022	
LAB SAMPLE ID				L2206632-01		L2206632-02		L2206632-03		L2206632-04		L2206632-05		L2206632-06		L2206632-07		L2206632-08		L2206632-09		L2206632-10		L2206632-11		L2206632-12		L2206632-13	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																													
Solids, Total			%	95.4		95.2		93.1		93.8		92.9		93.5		90.2		97		91.8		88.7		94.7		93.2		81.9	
Polychlorinated Biphenyls by GC																													
Aroclor 1016	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0356	U	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.036	U	0.0354	U	0.0351	U	0.0354	U	0.0389	U
Aroclor 1221	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0356	U	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.036	U	0.0354	U	0.0351	U	0.0354	U	0.0389	U
Aroclor 1232	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0356	U	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.036	U	0.0354	U	0.0351	U	0.0354	U	0.0389	U
Aroclor 1242	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0356	U	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.036	U	0.0354	U	0.0351	U	0.0354	U	0.0389	U
Aroclor 1248	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0356	U	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.036	U	0.0354	U	0.0351	U	0.0354	U	0.0389	U
Aroclor 1254	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0356	U	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.036	U	0.0354	U	0.0351	U	0.0354	U	0.0389	U
Aroclor 1260	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0213	J	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.0109	J	0.0354	U	0.0351	U	0.0354	U	0.00829	J
Aroclor 1262	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0356	U	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.036	U	0.0354	U	0.0351	U	0.0354	U	0.0389	U
Aroclor 1268	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0356	U	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.036	U	0.0354	U	0.0351	U	0.0354	U	0.00662	J
PCBs, Total	1	0.1	mg/kg	0.0332	U	0.0348	U	0.0213	J	0.0354	U	0.0351	U	0.0349	U	0.0361	U	0.0333	U	0.0109	J	0.0354	U	0.0351	U	0.0354	U	0.0149	J
Semivolatile Organics by GC/MS																													
1,2,4,5-Tetrachlorobenzene			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
1,2,4-Trichlorobenzene			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
1,3-Dichlorobenzene	49	2.4	mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
1,4-Dioxane	13	0.1	mg/kg	0.026	U	0.026	U	0.027	U	0.026	U	0.026	U	0.026	U	0.027	U	0.025	U	0.027	U	0.028	U	0.026	U	0.026	U	0.03	U
2,4,5-Trichlorophenol			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
2,4,6-Trichlorophenol			mg/kg	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U	0.1	U	0.12	U
2,4-Dichlorophenol			mg/kg	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.17	U	0.16	U	0.16	U	0.18	U
2,4-Dimethylphenol			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
2,4-Dinitrophenol			mg/kg	0.82	U	0.83	U	0.86	U	0.84	U	0.84	U	0.84	U	0.86	U	0.81	U	0.86	U	0.89	U	0.84	U	0.84	U	0.97	U
2,4-Dinitrotoluene			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
2,6-Dinitrotoluene			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
2-Chloronaphthalene			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
2-Chlorophenol			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
2-Methylnaphthalene			mg/kg	0.048	J	0.21	U	0.21	U	0.038	J	0.21	U	0.21	U	0.22	U	0.2	U	0.16	J	0.12	J	0.21	U	0.21	U	0.12	J
2-Methylphenol	100	0.33	mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.035	J	0.18	U	0.18	U	0.2	U
2-Nitroaniline			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
2-Nitrophenol			mg/kg	0.37	U	0.37	U	0.38	U	0.38	U	0.38	U	0.38	U	0.39	U	0.36	U	0.39	U	0.4	U	0.38	U	0.38	U	0.44	U
3,3'-Dichlorobenzidine			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
3-Methylphenol/4-Methylphenol	100	0.33	mg/kg	0.24	U	0.25	U	0.26	U	0.25	U	0.25	U	0.25	U	0.26	U	0.24	U	0.031	J	0.18	J	0.25	U	0.25	U	0.29	U
3-Nitroaniline			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
4,6-Dinitro-o-cresol			mg/kg	0.44	U	0.45	U	0.46	U	0.45	U	0.45	U	0.46	U	0.47	U	0.44	U	0.47	U	0.48	U	0.46	U	0.46	U	0.53	U
4-Bromophenyl phenyl ether			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
4-Chloroaniline			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
4-Chlorophenyl phenyl ether			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
4-Nitroaniline			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
4-Nitrophenol			mg/kg	0.24	U	0.24	U	0.25	U	0.24	U	0.24	U	0.24	U	0.25	U	0.24	U	0.25	U	0.26	U	0.24	U	0.24	U	0.28	U
Acenaphthene	100	20	mg/kg	0.14		0.057	J	0.14	U	0.14		0.14	U	0.14	U	0.14	U	0.14	U	0.84		0.3		0.041	J	0.14	U	0.16	U
Acenaphthylene	100	100	mg/kg	0.15		0.07	J	0.14	U	0.26		0.14	U	0.14	U	0.14	U	0.14	U	0.36		2.5		0.14	U	0.14	U	0.16	U
Acetophenone			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.029	J
Anthracene	100	100	mg/kg	0.39		0.18		0.11	U	0.3		0.1	U	0.1	U	0.11	U	0.1	U	1.8		2.5		0.058	J	0.1	U	0.12	U
Benzo(a)anthracene	1	1	mg/kg	1.6		0.8		0.11	U	1.3		0.1	U	0.1	U	0.12		0.063	J	4.4		6.5		0.17		0.1	U	0.15	
Benzo(a)pyrene	1	1	mg/kg	1.6		0.91		0.14	U	1.2		0.14	U	0.14	U	0.12	J	0.058	J	3.8		4.6		0.11	J	0.14	U	0.14	J
Benzo(b)fluoranthene	1	1	mg/kg	1.9		1		0.11	U	1.4		0.1	U	0.1	U	0.14		0.072	J	5		6.4		0.14		0.1	U	0.21	
Benzo(ghi)perylene	100	100	mg/kg	1		0.65		0.14	U	0.69		0.14	U	0.14	U	0.074	J	0.036	J	2.2		2.8		0.06	J	0.14	U	0.16	
Benzo(k)fluoranthene	3.9	0.8	mg/kg	0.47		0.36		0.11	U	0.47		0.1	U	0.1	U	0.046	J	0.1	U	1.4		1.9		0.046	J	0.1	U	0.074	J
Benzoic Acid			mg/kg	0.55	U	0.56	U	0.58	U	0.57	U	0.56	U	0.57	U	0.58	U	0.55	U	0.58	U	0.6	U	0.57	U	0.57	U	0.66	U
Benzyl Alcohol			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
Biphenyl			mg/kg	0.39	U	0.39	U	0.41	U	0.4	U	0.4	U	0.4	U	0.41	U	0.38	U	0.046	J	0.036	J	0.4	U	0.4	U	0.46	U
Bis(2-chloroethoxy)methane			mg/kg	0.18	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.19	U	0.18	U	0.19	U	0.2	U	0.19	U	0.19	U	0.22	U
Bis(2-chloroethyl)ether			mg/kg	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.17	U	0.16	U	0.16	U	0.18	U
Bis(2-chloroisopropyl)ether			mg/kg	0.2	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.22	U	0.2	U	0.22	U	0.22	U	0.21	U	0.21	U	0.24	U
Bis(2-ethylhexyl)phthalate			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.29		0.19		0.18	U	0.18	U	0.2	U
Butyl benzyl phthalate			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.22		0.18	U	0.18	U	0.2	U
Carbazole			mg/kg	0.13	J	0.071	J	0.18	U	0.097	J	0.17	U	0.18	U	0.18	U	0.17	U	1		1.4		0.03	J	0.18	U	0.2	U
Chrysene	3.9	1	mg/kg	1.6		0.78		0.11	U	1.2		0.1	U	0.1	U	0.11		0.06	J	4		5.6		0.16		0.1	U	0.17	
Di-n-butylphthalate			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
Di-n-octylphthalate			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
Dibenzo(a,h)anthracene	0.33	0.33	mg/kg	0.19		0.12		0.11	U	0.16		0.1	U	0.1	U	0.11	U	0.1	U	0.56		0.75		0.1	U	0.1	U	0.034	J
Dibenzofuran	59	7	mg/kg	0.088	J	0.033	J	0.18	U	0.073	J	0.17	U	0.18	U	0.18	U	0.17	U	0.44		0.26		0.02	J	0.18	U	0.019	J
Diethyl phthalate			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
Dimethyl phthalate			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.36	
Fluoranthene	100	100	mg/kg	3.1		1.4		0.11	U	2.4		0.1	U	0.1	U	0.22		0.12		10	E	12	E	0.32		0.1	U	0.18	
Fluorene	100	30	mg/kg	0.12	J	0.044	J	0.18	U	0.1	J	0.17	U	0.18	U	0.18	U	0.17	U	0.69		0.36		0.027	J	0.18	U	0.2	U
Hexachlorobenzene	1.2	0.33	mg/kg	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U	0.1	U	0.1	U	0.12	U
Hexachlorobutadiene			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
Hexachlorocyclopentadiene			mg/kg	0.49	U	0.49	U	0.51	U	0.5	U	0.5	U	0.5	U	0.51	U	0.48	U	0.52	U	0.53	U	0.5	U	0.5	U	0.58	U
Hexachloroethane			mg/kg	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U	0.16	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	mg/kg	1.1		0.68		0.14	U	0.81		0.14	U	0.14	U	0.086	J	0.041	J	2.7		3.4		0.071	J	0.14	U	0.15	J
Isophorone			mg/kg	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.17	U	0.16	U	0.16	U	0.18	U
n-Nitrosodi-n-propylamine			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
Naphthalene	100	12	mg/kg	0.16	J	0.051	J	0.18	U	0.078	J	0.17	U	0.18	U	0.18	U	0.17	U	0.43		0.54		0.18	U	0.18	U	0.084	J
NDPA/DPA			mg/kg	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U	0.16	U
Nitrobenzene			mg/kg	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U	0.17	U	0.16	U	0.16	U	0.18	U
p-Chloro-m-cresol			mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
Pentachlorophenol	6.7	0.8	mg/kg	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.15	U	0.14	U	0.14	U	0.16	U
Phenanthrene	100	100	mg/kg	1.6		0.73		0.11	U	1.2		0.1	U	0.1	U	0.12		0.073	J	6.1		6.5		0.31		0.1	U	0.13	
Phenol	100	0.33	mg/kg	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U	0.18	U	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.2	U
Pyrene	100	100	mg/kg	3.1		1.3		0.11	U	2.2		0.1	U	0.1	U	0.2		0.11		6.3		7.7	E	0.29		0.1	U	0.18	

Table 2: Soil Analytical Results
91 Bruckner Blvd, Bronx, NY
Phase II Environmental Site Investigation Report
Project No. 0204520

LOCATION				HA-01_0-2		HA-01_6-8		HA-02_0-2		HA-02_5-6		HA-03_0-1		HA-03_1-2		HA-04_0-2		HA-04_3-4		HA-05_0-2		HA-05_8-10		HA-06_0-2		HA-06_3-4		SS-01_0-0.5	
SAMPLING DATE				2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022	
LAB SAMPLE ID				L2206632-01		L2206632-02		L2206632-03		L2206632-04		L2206632-05		L2206632-06		L2206632-07		L2206632-08		L2206632-09		L2206632-10		L2206632-11		L2206632-12		L2206632-13	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																													
Aluminum, Total			mg/kg	6070		5660		6200		6130		5260		4980		9180		15300		5240		4510		4600		5920		5710	
Antimony, Total			mg/kg	4	U	3.96	U	4.06	U	0.417	J	4.09	U	4.11	U	4.24	U	3.92	U	4.18	U	4.3	U	8.9		4.04	U	0.864	J
Arsenic, Total	16	13	mg/kg	3.29		2.7		0.454	J	3.38		0.458	J	0.222	J	1.1		0.784	U	8.08		4.96		5.71		0.218	J	16.1	
Barium, Total	400	350	mg/kg	142		113		45.1		143		34.7		47		79		206		539		646		225		43.7		142	
Beryllium, Total	72	7.2	mg/kg	0.24	J	0.23	J	0.251	J	0.27	J	0.327	J	0.271	J	0.17	J	0.063	J	0.234	J	0.172	J	0.215	J	0.283	J	0.511	
Cadmium, Total	4.3	2.5	mg/kg	0.776	J	0.61	J	0.276	J	0.638	J	0.237	J	0.238	J	0.441	J	0.627	J	1.32		2.78		1.09		0.291	J	1.93	
Calcium, Total			mg/kg	38700		34700		23200		36000		118000		91200		27300		4460		47200		46700		36300		48100		105000	
Chromium, Total			mg/kg	18.4		16.1		16.5		24.8		9.98		9.76		29.9		49.3		48		28.3		14.1		14.4		184	
Cobalt, Total			mg/kg	6.34		5.93		6.9		6.99		5.27		5.73		11.3		19.5		5.6		6.27		5.9		7.36		6.07	
Copper, Total	270	50	mg/kg	102		89.4		15.6		371		10.2		10.8		40.2		45.9		45.8		29.9		44.9		12.3		264	
Iron, Total			mg/kg	13100		12000		11900		14100		8670		9290		18500		30400		10900		15300		28000		11700		23200	
Lead, Total	400	63	mg/kg	282		202		8.83		189		3.47	J	3.12	J	15.1		7.92		1150		856		23400		5.04		203	
Magnesium, Total			mg/kg	20000		21300		16200		20600		41500		35400		19100		11700		6500		6380		20200		26600		25900	
Manganese, Total	2000	1600	mg/kg	237		224		213		249		236		247		200		198		194		235		311		203		319	
Mercury, Total	0.81	0.18	mg/kg	0.705		0.534		0.063	J	1.24		0.087	U	0.071	U	0.074	U	0.21		0.289		0.621		0.706		0.069	U	0.977	
Nickel, Total	310	30	mg/kg	11.6		11.1		12.8		11.8		7.87		9.45		24		37.7		12.3		14.4		10.9		12.8		15	
Potassium, Total			mg/kg	2180		1940		2540		2180		1710		1870		3250		8990		1530		1950		1600		2570		1480	
Selenium, Total	180	3.9	mg/kg	0.352	J	0.499	J	1.62	U	0.344	J	0.515	J	0.452	J	1.7	U	1.57	U	0.652	J	1.72	U	1.59	U	1.62	U	1.68	J
Silver, Total	180	2	mg/kg	0.8	U	0.792	U	0.811	U	0.45	J	0.817	U	0.822	U	0.849	U	0.784	U	0.835	U	0.859	U	0.47	J	0.808	U	0.929	U
Sodium, Total			mg/kg	392		495		253		336		136	J	131	J	98.3	J	88	J	499		316		147	J	126	J	537	
Thallium, Total			mg/kg	1.6	U	1.58	U	1.62	U	1.64	U	1.63	U	1.64	U	1.7	U	1.57	U	1.67	U	1.72	U	1.59	U	1.62	U	1.86	U
Vanadium, Total			mg/kg	20.8		21.5		22.5		21.3		15.9		16.9		47.7		90.9		27.4		22.1		17.6		22.4		22.5	
Zinc, Total	10000	109	mg/kg	269		209		43.4		272		35		40.2		61.1		74.9		661		1170		210		47.1		419	
Volatile Organics by EPA 5035																													
1,1,1,2-Tetrachloroethane			mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
1,1,1-Trichloroethane	100	0.68	mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
1,1,2,2-Tetrachloroethane			mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
1,1,2-Trichloroethane			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
1,1-Dichloroethane	26	0.27	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
1,1-Dichloroethene	100	0.33	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
1,1-Dichloropropene			mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
1,2,3-Trichlorobenzene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
1,2,3-Trichloropropane			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
1,2,4,5-Tetramethylbenzene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0014	J
1,2,4-Trichlorobenzene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
1,2,4-Trimethylbenzene	52	3.6	mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0021	J
1,2-Dibromo-3-chloropropane			mg/kg	0.0031	U	0.0032	U	0.0031	U	0.003	U	0.0026	U	0.0028	U	0.0034	U	0.0031	U	0.004	U	0.0032	U	0.0032	U	0.0027	U	0.0044	U
1,2-Dibromoethane			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
1,2-Dichloroethane	3.1	0.02	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
1,2-Dichloroethene, Total			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
1,2-Dichloropropane			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
1,3,5-Trimethylbenzene	52	8.4	mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0017	J
1,3-Dichlorobenzene	49	2.4	mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
1,3-Dichloropropane			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
1,3-Dichloropropene, Total			mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
1,4-Dichlorobenzene	13	1.8	mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
1,4-Dioxane	13	0.1	mg/kg	0.082	U	0.085	U	0.082	U	0.08	U	0.068	U	0.075	U	0.092	U	0.082	U	0.11	U	0.086	U	0.086	U	0.073	U	0.12	U
2,2-Dichloropropane			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
2-Butanone	100	0.12	mg/kg	0.01	U	0.011	U	0.01	U	0.01	U	0.0086	U	0.0094	U	0.011	U	0.01	U	0.013	U	0.011	U	0.011	U	0.0091	U	0.015	U
2-Hexanone			mg/kg	0.01	U	0.011	U	0.01	U	0.01	U	0.0086	U	0.0094	U	0.011	U	0.01	U	0.013	U	0.011	U	0.011	U	0.0091	U	0.015	U
4-Methyl-2-pentanone			mg/kg	0.01	U	0.011	U	0.01	U	0.01	U	0.0086	U	0.0094	U	0.011	U	0.01	U	0.013	U	0.011	U	0.011	U	0.0091	U	0.015	U
Acetone	100	0.05	mg/kg	0.01	U	0.011	U	0.01	U	0.01	U	0.0086	U	0.0094	U	0.011	U	0.01	U	0.014		0.011	U	0.011	U	0.0091	U	0.015	U
Acrylonitrile			mg/kg	0.0041	U	0.0042	U	0.0041	U	0.004	U	0.0034	U	0.0038	U	0.0046	U	0.0041	U	0.0054	U	0.0043	U	0.0043	U	0.0036	U	0.0059	U
Benzene	4.8	0.06	mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
Bromobenzene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
Bromochloromethane			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
Bromodichloromethane			mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
Bromoform			mg/kg	0.0041	U	0.0042	U	0.0041	U	0.004	U	0.0034	U	0.0038	U	0.0046	U	0.0041	U	0.0054	U	0.0043	U	0.0043	U	0.0036	U	0.0059	U
Bromomethane			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
Carbon disulfide			mg/kg	0.01	U	0.011	U	0.01	U	0.01	U	0.0086	U	0.0094	U	0.011	U	0.01	U	0.013	U	0.011	U	0.011	U	0.0091	U	0.015	U
Carbon tetrachloride	2.4	0.76	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
Chlorobenzene	100	1.1	mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
Chloroethane			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
Chloroform	49	0.37	mg/kg	0.0015	U	0.0016	U	0.0015	U	0.0015	U	0.0013	U	0.0014	U	0.0017	U	0.0015	U	0.002	U	0.0016	U	0.0016	U	0.0014	U	0.0022	U
Chloromethane			mg/kg	0.0041	U	0.0042	U	0.0041	U	0.004	U	0.0034	U	0.0038	U	0.0046	U	0.0041	U	0.0054	U	0.0043	U	0.0043	U	0.0036	U	0.0059	U
cis-1,2-Dichloroethene	100	0.25	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
cis-1,3-Dichloropropene			mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
Dibromochloromethane			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
Dibromomethane			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
Dichlorodifluoromethane			mg/kg	0.01	U	0.011	U	0.01	U	0.01	U	0.0086	U	0.0094	U	0.011	U	0.01	U	0.013	U	0.011	U	0.011	U	0.0091	U	0.015	U
Ethyl ether			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
Ethylbenzene	41	1	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.00042	J
Hexachlorobutadiene			mg/kg	0.0041	U	0.0042	U	0.0041	U	0.004	U	0.0034	U	0.0038	U	0.0046	U	0.0041	U	0.0054	U	0.0043	U	0.0043	U	0.0036	U	0.0059	U
Isopropylbenzene			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.00027	J
Methyl tert butyl ether	100	0.93	mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
Methylene chloride	100	0.05	mg/kg	0.0052	U	0.0053	U	0.0051	U	0.005	U	0.0043	U	0.0047	U	0.0057	U	0.0051	U	0.0067	U	0.0054	U	0.0053	U	0.0046	U	0.0073	U
n-Butylbenzene	100	12	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.00037	J
n-Propylbenzene	100	3.9	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0008	J
Naphthalene	100	12	mg/kg	0.0041	U	0.0042	U	0.0041	U	0.004	U	0.0034	U	0.0038	U	0.0046	U	0.0041	U	0.0054	U	0.0043	U	0.0043	U	0.0036	U	0.0059	U
o-Chlorotoluene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
o-Xylene			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.00076	J
p-Chlorotoluene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U

Table 2: Soil Analytical Results
91 Bruckner Blvd, Bronx, NY
Phase II Environmental Site Investigation Report
Project No. 0204520

LOCATION				HA-01_0-2		HA-01_6-8		HA-02_0-2		HA-02_5-6		HA-03_0-1		HA-03_1-2		HA-04_0-2		HA-04_3-4		HA-05_0-2		HA-05_8-10		HA-06_0-2		HA-06_3-4		SS-01_0-0.5	
SAMPLING DATE				2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022		2/8/2022	
LAB SAMPLE ID				L2206632-01		L2206632-02		L2206632-03		L2206632-04		L2206632-05		L2206632-06		L2206632-07		L2206632-08		L2206632-09		L2206632-10		L2206632-11		L2206632-12		L2206632-13	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	NY-RESRR	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
p-Diethylbenzene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0026	J
p-Ethyltoluene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0025	J
p-Isopropyltoluene			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.00024	J
p/m-Xylene			mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
sec-Butylbenzene	100	11	mg/kg	0.00018	J	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.00038	J
Styrene			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
tert-Butylbenzene	100	5.9	mg/kg	0.0021	U	0.0021	U	0.002	U	0.002	U	0.0017	U	0.0019	U	0.0023	U	0.002	U	0.0027	U	0.0022	U	0.0021	U	0.0018	U	0.0029	U
Tetrachloroethene	19	1.3	mg/kg	0.00079		0.00076		0.00027	J	0.0015		0.00078		0.00024	J	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
Toluene	100	0.7	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.001	J
trans-1,2-Dichloroethene	100	0.19	mg/kg	0.0015	U	0.0016	U	0.0015	U	0.0015	U	0.0013	U	0.0014	U	0.0017	U	0.0015	U	0.002	U	0.0016	U	0.0016	U	0.0014	U	0.0022	U
trans-1,3-Dichloropropene			mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
trans-1,4-Dichloro-2-butene			mg/kg	0.0052	U	0.0053	U	0.0051	U	0.005	U	0.0043	U	0.0047	U	0.0057	U	0.0051	U	0.0067	U	0.0054	U	0.0053	U	0.0046	U	0.0073	U
Trichloroethene	21	0.47	mg/kg	0.00052	U	0.00053	U	0.00051	U	0.0005	U	0.00043	U	0.00047	U	0.00057	U	0.00051	U	0.00067	U	0.00054	U	0.00053	U	0.00046	U	0.00073	U
Trichlorofluoromethane			mg/kg	0.0041	U	0.0042	U	0.0041	U	0.004	U	0.0034	U	0.0038	U	0.0046	U	0.0041	U	0.0054	U	0.0043	U	0.0043	U	0.0036	U	0.0059	U
Vinyl acetate			mg/kg	0.01	U	0.011	U	0.01	U	0.01	U	0.0086	U	0.0094	U	0.011	U	0.01	U	0.013	U	0.011	U	0.011	U	0.0091	U	0.015	U
Vinyl chloride	0.9	0.02	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.0015	U
Xylenes, Total	100	0.26	mg/kg	0.001	U	0.0011	U	0.001	U	0.001	U	0.00086	U	0.00094	U	0.0011	U	0.001	U	0.0013	U	0.0011	U	0.0011	U	0.00091	U	0.00076	J

Notes:
Yellow shaded results exceed Unrestricted SCOs.
Red shaded results exceed both Unrestricted and Restricted Residential SCOs.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
mg/kg - Milligrams per kilogram
ng/g - Nanograms per gram

Qualifiers:
J - The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL); the value shown in the table is the RL.
P - The RPD between the results for the two columns exceeds the method-specified criteria.
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.

Table 3: Soil Analytical Results for TCLP Lead

91 Bruckner Blvd, Bronx, NY

Phase II Environmental Site Investigation Report

Project No. 0204520

LOCATION			HA-06_0-2	
SAMPLING DATE			2/8/2022	
LAB SAMPLE ID			L2209449-01	
SAMPLE TYPE			SOIL	
	USEPA Allowable Limit for Toxicity Characteristic	Units	Results	Qual
TCLP Metals by EPA 1311				
Lead, TCLP	5	mg/L	13.4	

Notes:

Red shaded results exceed EPA Regulatory Level for Toxicity Characteristic/Hazardous Waste

TCLP - Toxicity Characteristic Leaching Procedure / USEPA standard protocol to evaluate metal leachability in wastes and contaminated soils

mg/L - Milligrams per liter

Table 4: Soil Vapor Analytical Results
91 Bruncker Blvd, Bronx, NY
Phase II Environmental Site Investigation Report
Project No. 0204520

SAMPLE ID:						SS-01_20220208		SS-02_20220208	
LAB ID:						L2206613-01		L2206613-02	
COLLECTION DATE:						2/8/2022		2/8/2022	
SAMPLE MATRIX:						SOIL_VAPOR		SOIL_VAPOR	
	NYSDOH AGVs	NY-SSC-A	NY-SSC-B	NY-SSC-C	Units	Result	Qual	Result	Qual
Volatile Organics By TO-15									
1,1,1-Trichloroethane			100		ug/m3	ND	U	ND	U
1,1,2,2-Tetrachloroethane					ug/m3	ND	U	ND	U
1,1,2-Trichloroethane					ug/m3	ND	U	ND	U
1,1-Dichloroethane					ug/m3	ND	U	ND	U
1,1-Dichloroethene		6			ug/m3	ND	U	ND	U
1,2,4-Trichlorobenzene					ug/m3	ND	U	ND	U
1,2,4-Trimethylbenzene					ug/m3	38.4		28.5	
1,2-Dibromoethane					ug/m3	ND	U	ND	U
1,2-Dichlorobenzene					ug/m3	ND	U	ND	U
1,2-Dichloroethane					ug/m3	ND	U	ND	U
1,2-Dichloropropane					ug/m3	ND	U	ND	U
1,3,5-Trimethylbenzene					ug/m3	10.6		6.88	
1,3-Butadiene					ug/m3	ND	U	ND	U
1,3-Dichlorobenzene					ug/m3	ND	U	ND	U
1,4-Dichlorobenzene					ug/m3	ND	U	ND	U
1,4-Dioxane					ug/m3	ND	U	ND	U
2,2,4-Trimethylpentane					ug/m3	ND	U	ND	U
2-Butanone					ug/m3	ND	U	ND	U
2-Hexanone					ug/m3	ND	U	ND	U
3-Chloropropene					ug/m3	ND	U	ND	U
4-Ethyltoluene					ug/m3	7.87		6.24	
4-Methyl-2-pentanone					ug/m3	ND	U	ND	U
Acetone					ug/m3	7.13		43	
Benzene					ug/m3	1.51		1.14	
Benzyl chloride					ug/m3	ND	U	ND	U
Bromodichloromethane					ug/m3	ND	U	ND	U
Bromoform					ug/m3	ND	U	ND	U
Bromomethane					ug/m3	ND	U	ND	U
Carbon disulfide					ug/m3	5.01		ND	U
Carbon tetrachloride		6			ug/m3	ND	U	ND	U
Chlorobenzene					ug/m3	ND	U	ND	U
Chloroethane					ug/m3	ND	U	ND	U
Chloroform					ug/m3	ND	U	ND	U
Chloromethane					ug/m3	0.657		0.904	
cis-1,2-Dichloroethene		6			ug/m3	ND	U	ND	U
cis-1,3-Dichloropropene					ug/m3	ND	U	ND	U
Cyclohexane					ug/m3	1.31		0.895	
Dibromochloromethane					ug/m3	ND	U	ND	U
Dichlorodifluoromethane					ug/m3	2.54		2.47	
Ethanol					ug/m3	ND	U	11.8	
Ethyl Acetate					ug/m3	ND	U	ND	U
Ethylbenzene					ug/m3	11.8		7.56	
Freon-113					ug/m3	ND	U	ND	U
Freon-114					ug/m3	ND	U	ND	U
Heptane					ug/m3	2.53		1.57	
Hexachlorobutadiene					ug/m3	ND	U	ND	U
Isopropanol					ug/m3	ND	U	6.32	
Methyl tert butyl ether					ug/m3	ND	U	ND	U
Methylene chloride	60		100		ug/m3	ND	U	5.14	
n-Hexane					ug/m3	4.02		9.2	
o-Xylene					ug/m3	18.8		12.5	
p/m-Xylene					ug/m3	51.3		34.1	
Styrene					ug/m3	3.85		2.44	
Tertiary butyl Alcohol					ug/m3	ND	U	ND	U
Tetrachloroethene	30		100		ug/m3	343		ND	U
Tetrahydrofuran					ug/m3	ND	U	ND	U
Toluene					ug/m3	56.2		39.9	
trans-1,2-Dichloroethene					ug/m3	ND	U	ND	U
trans-1,3-Dichloropropene					ug/m3	ND	U	ND	U
Trichloroethene	2	6			ug/m3	1.75		ND	U
Trichlorofluoromethane					ug/m3	1.44		1.51	
Vinyl bromide					ug/m3	ND	U	ND	U
Vinyl chloride				6	ug/m3	ND	U	ND	U
Total BTEX					ug/m3	139.61		95.2	
Total VOCs					ug/m3	569.717		222.069	

Notes:

1. Yellow shaded result exceeds New York DOH AGV and/or triggers action based on comparison to New York DOH Soil Vapor Intrusion Decision Matrices.
2. µg/m3 = micrograms per cubic meter
3. NYSDOH AGVs: New York DOH Air Guidance Values Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
4. NY-SSC-A: New York DOH Matrix A Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
5. NY-SSC-B: New York DOH Matrix B Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.
6. NY-SSC-C: New York DOH Matrix C Sub-slab Vapor Concentrations Criteria per Guidance for Evaluating Soil Vapor Intrusion, October 2006, and updated May 2017.

Qualifiers:

U = The analyte was analyzed for, but was not detected at a level greater than or equal to the reporting limit (RL)
ND = Not Dectected

ATTACHMENT A

PREVIOUS REPORTS

HALEY ALDRICH

ATTACHMENT B

PHOTO LOG

91 Bruckner Blvd
Bronx, New York
File No. 0204520
Date Photographs Taken: 2022-02-08

Photo 1: Site view indoor facing north

Photo 2: Site view indoorfacing northeast

Photo 3: HA-01 soil boring drilling setup

Photo 4: SS-01 soil vapor collection setup

Photo 5: HA-05 soil boring drilling setup

Photo 6: Partial cellar facing west

ATTACHMENT C

SOIL BORING LOGS AND SOIL VAPOR LOGS

GEOPROBE BORING REPORT

BORING NO. HA-01

PROJECT	91 Bruckner Blvd		0204520
LOCATION	91 Bruckner Blvd, Bronx, NY	**PROJECT MGR.**	Emily Snead
CLIENT	Artist Construction	**FIELD REP.**	Yanxia Lin
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	2/8/2022
DRILLER	Tim Kelly; Mike Chambine	**DATE FINISHED**	2/8/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model 6610 DT

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☑ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☑ None

Casing Advance — Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (in/ total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0	33/60	0.0	HA-01_0-2	0-2	0-5' Loose brown silty SAND with fill materials including pieces of concrete (maximum particle size=1"), brick, and gravels; no odor; dry. **FILL**
1		0.0			
		0.0			
2		0.0			
		0.0			
3		0.0			
		0.0			
4		0.0			
		0.0			
		0.0			
5	26/60	0.0	HA-01_6-8	6-8	5-10' Loose brown silty SAND with fill materials including small pieces of gravels and trace amount of asphalt; no odor; dry. **FILL**
6		0.0			
		0.0			
7		0.0			
		0.0			
8		0.0			
		0.0			
9		0.0			
		0.0			
		0.0			End of exploration: 10 ft below ground surface
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
25					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

Summary

Overburden (Linear ft.)	10
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. HA-01

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. HA-02

PROJECT	91 Bruckner Blvd		0204520
LOCATION	91 Bruckner Blvd, Bronx, NY	**PROJECT MGR.**	Emily Snead
CLIENT	Artist Construction	**FIELD REP.**	Yanxia Lin
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	2/8/2022
DRILLER	Tim Kelly; Mike Chambine	**DATE FINISHED**	2/8/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model 6610 DT

☐ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☑ Geoprobe ☐ Winch
☑ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☑ None

Casing Advance — Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (in/ total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
	38/60	0.0	HA-02_0-2	0-2	0-5' Loose brown medium coarse to coarse silty SAND with fill materials including pieces of gravels, bricks, asphalt, glass,
1		0.0			and ceramic; no odor; dry.
		0.0			**FILL**
2		0.0			
		0.0			
3		0.0			
		0.0			
4		0.0			
		0.0			
		0.0			
5		0.0			
	44/60	0.0	HA-02_5-6	5-6	5-10' Loose brown medium to coarse silty SAND with fill materials including pieces of gravels, bricks, asphalt, glass, and ceramic;
6		0.0			no odor; dry.
		0.0			**FILL**
7		0.0			
		0.0			
8		0.0			
		0.0			
9		0.0			
		0.0			
		0.0			
10					
	32/60	0.0			10-15' Medium dense light brown silty SAND with pieces of gravels; no odor; dry.
11		0.0			
		0.0			
12		0.0			
		0.0			
13		0.0			
		0.0			
14		0.0			
		0.0			
		0.0			End of exploration: 15 ft below ground surface
15					
16					
17					
18					
19					
20					
25					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

Summary

Overburden (Linear ft.)	15
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. HA-02

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. HA-03

PROJECT	91 Bruckner Blvd		0204520
LOCATION	91 Bruckner Blvd, Bronx, NY	**PROJECT MGR.**	Emily Snead
CLIENT	Artist Construction	**FIELD REP.**	Yanxia Lin
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	2/8/2022
DRILLER	Tim Kelly; Mike Chambine	**DATE FINISHED**	2/8/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model 6610 DT

- ☐ Truck ☐ Tripod ☐ Cat-Head
- ☐ ATV ☑ Geoprobe ☐ Winch
- ☑ Track ☐ Air Track ☐ Roller Bit
- ☐ Skid ☐ Other ☐ Cutting Head

Hammer Type

- ☐ Safety
- ☐ Doughnut
- ☐ Automatic

Drilling Mud

- ☐ Bentonite
- ☐ Polymer
- ☑ None

Casing Advance

Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (in/ total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
	40/60	0.0	HA-03_0-1	0-1	0-5' Medium dense light gray silty SAND with pieces of bricks and gravels; no odor; slightly moist.
1		0.0			**FILL**
		0.0	HA-03_1-2	1-2	
2		0.0			
		0.0			
3		0.0			
		0.0			
4		0.0			
		0.0			
		0.0			
5		0.0			
	45/60	0.0			5-10' Dense light gray silty SAND with fill materials including pieces of gravels; no odor; dry.
6		0.0			**FILL**
		0.0			
7		0.0			
		0.0			
8		0.0			
		0.0			
9		0.0			
		0.0			
		0.0			
10		0.0			
	53/60	0.0			10-15' Dense light gray silty SAND with pieces of gravels; no odor; dry.
11		0.0			
		0.0			
12		0.0			
		0.0			
13		0.0			
		0.0			
14		0.0			
		0.0			
		0.0			End of exploration: 15 ft below ground surface
15					
16					
17					
18					
19					
20					
25					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

- **O** Open End Rod
- **T** Thin Wall Tube
- **U** Undisturbed Sample
- **S** Split Spoon Sample
- **G** Geoprobe

Summary

Overburden (Linear ft.)	15
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. HA-03

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. HA-04

PROJECT	91 Bruckner Blvd		0204520
LOCATION	91 Bruckner Blvd, Bronx, NY	**PROJECT MGR.**	Emily Snead
CLIENT	Artist Construction	**FIELD REP.**	Yanxia Lin
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	2/8/2022
DRILLER	Tim Kelly; Mike Chambine	**DATE FINISHED**	2/8/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model 6610 DT

☐ Truck	☐ Tripod	☐ Cat-Head	
☐ AT\	☑ Geoprobe	☐ Winch	
☑ Track	☐ Air Track	☐ Roller Bit	
☐ Skid	☐ Other	☐ Cutting Head	

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☑ None

Casing Advance — Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (in/ total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
	35/60	0.0	HA-04_0-2	0-2	0-5' Loose brown silty SAND with small pieces of concrete, gravels(maximum particle size=1"), and brick; no odor; dry.
1		0.0			**Fill**
		0.0			
2		0.0			
		0.0			
3		0.0	HA-04_3-4	3-4	
		0.0			
4		0.0			
		0.0			
		0.0			
5					
	36/60	0.0			5-10' Loose brown silty SAND with pieces of asphalt, and gravels; no odor; dry.
6		0.0			**Fill**
		0.0			
7		0.0			
		0.0			
8		0.0			
		0.0			
9		0.0			
		0.0			
		0.0			
10					
	46/60	0.0			10-12' Loose brown silty SAND with pieces of asphalt, and gravels; no odor; dry.
11		0.0			**Fill**
		0.0			
12		0.0			12-15' Dense brown silty SAND with pieces of gravels; no odor; slightly moist.
		0.0			
13		0.0			
		0.0			
14		0.0			
		0.0			
		0.0			End of exploration: 15 ft below ground surface
15					
16					
17					
18					
19					
20					
25					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O	Open End Rod
T	Thin Wall Tube
U	Undisturbed Sample
S	Split Spoon Sample
G	Geoprobe

Summary

Overburden (Linear ft.)	15
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. HA-04

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. HA-05

PROJECT	91 Bruckner Blvd		0204520
LOCATION	91 Bruckner Blvd, Bronx, NY	**PROJECT MGR.**	Emily Snead
CLIENT	Artist Construction	**FIELD REP.**	Yanxia Lin
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	2/8/2022
DRILLER	Tim Kelly; Mike Chambine	**DATE FINISHED**	2/8/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model 6610 DT

☐ Truck ☐ Tripod ☐ Cat-Head
☐ AT\ ☑ Geoprobe ☐ Winch
☑ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☑ None

Casing Advance — Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (in/ total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
	28/60	0.0	HA-05_0-2	0-2	0-5' Loose light brown silty SAND with large pieces of brick(maximum particle size=2"), concrete, and gravels; no odor; dry.
1		0.0			**Fill**
		0.0			
2		0.0			
		0.0			
3		0.0			
		0.0			
4		0.0			
		0.0			
		0.0			
5					
	25/60	0.0			5-10' Loose light brown silty SAND with large pieces of brick(maximum particle size=2"), concrete, and gravels; no odor; dry.
6		0.0			**Fill**
		0.0			
7		0.0			
		0.0			
8		0.0	HA-05_8-10	8-10	
		0.0			
9		0.0			
		0.0			
		0.0			
10					
	38/60	0.0			10-12.5' Loose light brown silty SAND with large pieces of brick(maximum particle size=2"), concrete, and gravels; no odor; dry.
11		0.0			**Fill**
		0.0			
12		0.0			
		0.0			12.5'-15' Dense light gray CLAY with sand and small pieces of gravels; no odor; slight moist.
13		0.0			
		0.0			
14		0.0			
		0.0			
		0.0			End of exploration: 15 ft below ground surface
15					
16					
17					
18					
19					
20					
25					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

Summary

Overburden (Linear ft.)	15
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. HA-05

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

GEOPROBE BORING REPORT

BORING NO. HA-06

PROJECT	91 Bruckner Blvd		0204520
LOCATION	91 Bruckner Blvd, Bronx, NY	**PROJECT MGR.**	Emily Snead
CLIENT	Artist Construction	**FIELD REP.**	Yanxia Lin
CONTRACTOR	Lakewood Environmental Services, Corp.	**DATE STARTED**	2/8/2022
DRILLER	Tim Kelly; Mike Chambine	**DATE FINISHED**	2/8/2022

Elevation ft. **Datum** **Boring Location** See Plan

Item	Casing	Sampler	Core Barrel
Type	Steel	Macrocore	
Inside Diameter (in.)	2-in		
Hammer Weight (lb.)	Macrocore		
Hammer Fall (in.)	NA		

Rig Make & Model 6610 DT

☐ Truck ☐ Tripod ☐ Cat-Head
☐ AT\ ☑ Geoprobe ☐ Winch
☑ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☐ Other ☐ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☑ None

Casing Advance — Type Method Depth: Direct push

Drilling Notes:

Depth (ft.)	Recovery (in/ total)	PID (ppm)	Sample ID	Sample Depth (ft)	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)
0					
	51/60	0.0	HA-06_0-2	0-2	0-5' Medium dense light brown silty SAND with pieces of ceramic, asphalt, and gravels; no odor;dry.
1		0.0			**Fill**
		0.0			
2		0.0			
		0.0			
3		0.0	HA-06_3-4	3-4	
		0.0			
4		0.0			
		0.0			
		0.0			
5		0.0			
	60/60	0.0			5-10' Loose light brown silty SAND with large pieces of brick(maximum particle size=2"), concrete, and gravels; no odor; dry.
6		0.0			**Fill**
		0.0			
7		0.0			
		0.0			
8		0.0			
		0.0			
9		0.0			
		0.0			
		0.0			End of exploration: 10 ft below ground surface
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
25					

Water Level Data

Date	Time	Elapsed Time (hr.)	Depth in feet to: Bottom of Casing	Bottom of Hole	Water
Date					

Sample ID

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

Summary

Overburden (Linear ft.)	10
Rock Cored (Linear ft.)	-
Number of Samples	2

BORING NO. HA-06

***NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.**

NOTE: Soil descriptions based on a modified Burmister method of visual-manual identification as practiced by Haley & Aldrich, Inc.

SOIL VAPOR SAMPLE LOG

91 Bruckner Blvd Phase II

Site: 91 Bruckner Blvd, Bronx, NY
Date: 2/8/2022
Personnel: Yanxia Lin
Weather: Most Sunny
Humidity: 53%

Sample ID	Canister ID	Caniser Size	Flow Controller ID	Sample Start Time	Canister Start Pressure ("Hg)	Sample End Time	Canister End Pressure ("Hg)	Sample Start Date	Sample Type	Analyses Method
SS-01_20220208	2205	2.7 L	01343	10:13	-29.92	12:20	-7.48	2/8/2022	Soil vapor	TO-15
SS-02_20220208	3442	2.7 L	01873	11:05	-30.12	13:23	-3.95	2/8/2022	Soil vapor	TO-15

ATTACHMENT D

LABORATORY REPORTS

ANALYTICAL REPORT

Lab Number:	L2206632
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Emily Snead
Phone:	(646) 277-5685
Project Name:	91 BRUCKNER
Project Number:	0204520
Report Date:	02/15/22

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2206632-01	HA-01_0-2	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 09:13	02/08/22
L2206632-02	HA-01_6-8	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 09:23	02/08/22
L2206632-03	HA-02_0-2	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 10:45	02/08/22
L2206632-04	HA-02_5-6	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 10:50	02/08/22
L2206632-05	HA-03_0-1	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 09:43	02/08/22
L2206632-06	HA-03_1-2	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 09:55	02/08/22
L2206632-07	HA-04_0-2	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 13:15	02/08/22
L2206632-08	HA-04_3-4	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 13:25	02/08/22
L2206632-09	HA-05_0-2	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 12:40	02/08/22
L2206632-10	HA-05_8-10	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 13:00	02/08/22
L2206632-11	HA-06_0-2	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 11:15	02/08/22
L2206632-12	HA-06_3-4	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 11:25	02/08/22
L2206632-13	SS-01_0-0.5	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 13:40	02/08/22

Project Name:	91 BRUCKNER	**Lab Number:**	L2206632
Project Number:	0204520	**Report Date:**	02/15/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 91 BRUCKNER **Lab Number:** L2206632
Project Number: 0204520 **Report Date:** 02/15/22

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
L2206632-09 and -10: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.
L2206632-09D and -10D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.
The WG1604175-2/-3 LCS/LCSD recoveries, associated with L2206632-01 through -09, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The result of the associated samples are reported.
The WG1604175-3 LCSD recoveries, associated with L2206632-01 through -09, are below the individual acceptance criteria for 1,3-dichlorobenzene (39%), hexachlorocyclopentadiene (35%), hexachloroethane (39%), carbazole (51%) and 1,4-dioxane (36%), but within the overall method allowances. The results of the associated samples are reported; however, all results for these compounds are considered to have a potentially low bias.
The WG1604175-2/-3 LCS/LCSD RPD(s), associated with L2206632-01 through -09, are above the acceptance criteria for 1,2,4-trichlorobenzene (57%), bis(2-chloroethyl)ether (52%), 2-chloronaphthalene (52%), 1,2-dichlorobenzene (51%), 1,3-dichlorobenzene (53%), 1,4-dichlorobenzene (52%), bis(2-chloroisopropyl)ether (54%), bis(2-chloroethoxy)methane (52%), hexachlorobutadiene (53%), hexachlorocyclopentadiene (57%), hexachloroethane (59%), nitrobenzene (55%), n-nitrosodi-n-propylamine (54%), biphenyl (51%), 4-chloroaniline (53%), acetophenone (54%), 2-chlorophenol (52%), phenol (55%), 2-methylphenol (51%), and benzyl alcohol (53%).
The WG16042382/-3 LCS/LCSD RPD, associated with L2206632-10 through -13, is above the acceptance

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Case Narrative (continued)

criteria for benzoic acid (57%).

Total Metals

L2206632-01 through -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1603067-3 MS recovery for aluminum (57%), calcium (0%), iron (1900%), lead (162%), magnesium (303%) and manganese (129%), performed on L2206632-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1603067-3 MS recovery, performed on L2206632-01, is outside the acceptance criteria for chromium (71%) and thallium (67%). A post digestion spike was performed and yielded unacceptable recoveries for chromium (76%) and thallium (68%). The serial dilution recovery was not applicable; therefore, these elements fail the matrix test and the results reported in the native sample should be considered estimated.

The WG1603067-4 Laboratory Duplicate RPD for sodium (22%), performed on L2206632-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Total Mercury

The WG1603068-3 MS recovery for mercury (0%), performed on L2206632-01, does not apply because the sample concentration is greater than four times the spike amount added.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Sebastian Corbin

Title: Technical Director/Representative Date: 02/15/22

ORGANICS

VOLATILES

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01
Client ID: HA-01_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:13
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 14:46
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	0.79		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01 Date Collected: 02/08/22 09:13

Client ID: HA-01_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	0.18	J	ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01
Client ID: HA-01_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:13
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02
Client ID: HA-01_6-8
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 15:12
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	0.76		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02 Date Collected: 02/08/22 09:23

Client ID: HA-01_6-8 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02
Client ID: HA-01_6-8
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03
Client ID: HA-02_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 10:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 16:04
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	0.27	J	ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03 Date Collected: 02/08/22 10:45

Client ID: HA-02_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03
Client ID: HA-02_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 10:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	99		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04
Client ID: HA-02_5-6
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 10:50
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 16:30
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	1.5		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	ND		ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04 Date Collected: 02/08/22 10:50

Client ID: HA-02_5-6 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04
Client ID: HA-02_5-6
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 10:50
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05
Client ID: HA-03_0-1
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:43
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 16:57
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	0.78		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.86	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.43	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.46	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05 Date Collected: 02/08/22 09:43

Client ID: HA-03_0-1 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.86	0.25	1
Xylenes, Total	ND		ug/kg	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.86	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.78	1
Acetone	ND		ug/kg	8.6	4.1	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
Vinyl acetate	ND		ug/kg	8.6	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.43	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.86	0.14	1
sec-Butylbenzene	ND		ug/kg	0.86	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.86	0.09	1
Naphthalene	ND		ug/kg	3.4	0.56	1
Acrylonitrile	ND		ug/kg	3.4	0.98	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05
Client ID: HA-03_0-1
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:43
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.86	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.29	1
1,4-Dioxane	ND		ug/kg	68	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.3	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06
Client ID: HA-03_1-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:55
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 17:23
Analyst: AJK
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	0.24	J	ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.32	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06 Date Collected: 02/08/22 09:55

Client ID: HA-03_1-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06
Client ID: HA-03_1-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:55
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07
Client ID: HA-04_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 17:49
Analyst: AJK
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.7	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.17	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.31	1
Tetrachloroethene	ND		ug/kg	0.57	0.22	1
Chlorobenzene	ND		ug/kg	0.57	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.80	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.57	0.19	1
Bromodichloromethane	ND		ug/kg	0.57	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.31	1
cis-1,3-Dichloropropene	ND		ug/kg	0.57	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.57	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.57	0.18	1
Bromoform	ND		ug/kg	4.6	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.57	0.19	1
Benzene	ND		ug/kg	0.57	0.19	1
Toluene	ND		ug/kg	1.1	0.62	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.67	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07 Date Collected: 02/08/22 13:15

Client ID: HA-04_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.57	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.64	1
o-Xylene	ND		ug/kg	1.1	0.33	1
Xylenes, Total	ND		ug/kg	1.1	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	2.3	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.5	1
Carbon disulfide	ND		ug/kg	11	5.2	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.3	0.14	1
2-Hexanone	ND		ug/kg	11	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.3	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.32	1
1,3-Dichloropropane	ND		ug/kg	2.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.57	0.15	1
Bromobenzene	ND		ug/kg	2.3	0.17	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.17	1
tert-Butylbenzene	ND		ug/kg	2.3	0.14	1
o-Chlorotoluene	ND		ug/kg	2.3	0.22	1
p-Chlorotoluene	ND		ug/kg	2.3	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.6	0.74	1
Acrylonitrile	ND		ug/kg	4.6	1.3	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07
Client ID: HA-04_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.31	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.3	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.3	0.38	1
1,4-Dioxane	ND		ug/kg	92	40.	1
p-Diethylbenzene	ND		ug/kg	2.3	0.20	1
p-Ethyltoluene	ND		ug/kg	2.3	0.44	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.3	0.22	1
Ethyl ether	ND		ug/kg	2.3	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.7	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08
Client ID: HA-04_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 18:15
Analyst: AJK
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08 Date Collected: 02/08/22 13:25

Client ID: HA-04_3-4 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08
Client ID: HA-04_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	100		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09
Client ID: HA-05_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 12:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 18:42
Analyst: AJK
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.20	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	ND		ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.94	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.35	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.37	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.67	0.21	1
1,1-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.61	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09 Date Collected: 02/08/22 12:40

Client ID: HA-05_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
Xylenes, Total	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.24	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.7	0.32	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	14		ug/kg	13	6.5	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	ND		ug/kg	13	3.0	1
Vinyl acetate	ND		ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
1,2,3-Trichloropropane	ND		ug/kg	2.7	0.17	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.28	1
2,2-Dichloropropane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.38	1
1,3-Dichloropropane	ND		ug/kg	2.7	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.67	0.18	1
Bromobenzene	ND		ug/kg	2.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.20	1
tert-Butylbenzene	ND		ug/kg	2.7	0.16	1
o-Chlorotoluene	ND		ug/kg	2.7	0.26	1
p-Chlorotoluene	ND		ug/kg	2.7	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.23	1
Isopropylbenzene	ND		ug/kg	1.3	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.15	1
Naphthalene	ND		ug/kg	5.4	0.88	1
Acrylonitrile	ND		ug/kg	5.4	1.6	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09
Client ID: HA-05_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 12:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.37	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.7	0.26	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.7	0.45	1
1,4-Dioxane	ND		ug/kg	110	47.	1
p-Diethylbenzene	ND		ug/kg	2.7	0.24	1
p-Ethyltoluene	ND		ug/kg	2.7	0.52	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.7	0.26	1
Ethyl ether	ND		ug/kg	2.7	0.46	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.7	1.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	96		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10
Client ID: HA-05_8-10
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 19:08
Analyst: AJK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10 Date Collected: 02/08/22 13:00

Client ID: HA-05_8-10 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.20	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10
Client ID: HA-05_8-10
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.20	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	98		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11
Client ID: HA-06_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 11:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 19:34
Analyst: AJK
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11 Date Collected: 02/08/22 11:15

Client ID: HA-06_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.98	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.13	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.69	1
Acrylonitrile	ND		ug/kg	4.3	1.2	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11
Client ID: HA-06_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 11:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	86	38.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12
Client ID: HA-06_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 11:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 20:00
Analyst: AJK
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12 Date Collected: 02/08/22 11:25

Client ID: HA-06_3-4 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12
Client ID: HA-06_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 11:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13
Client ID: SS-01_0-0.5
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/09/22 20:27
Analyst: AJK
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.3	3.4	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.21	1
Chloroform	ND		ug/kg	2.2	0.20	1
Carbon tetrachloride	ND		ug/kg	1.5	0.34	1
1,2-Dichloropropane	ND		ug/kg	1.5	0.18	1
Dibromochloromethane	ND		ug/kg	1.5	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.39	1
Tetrachloroethene	ND		ug/kg	0.73	0.29	1
Chlorobenzene	ND		ug/kg	0.73	0.19	1
Trichlorofluoromethane	ND		ug/kg	5.9	1.0	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.38	1
1,1,1-Trichloroethane	ND		ug/kg	0.73	0.24	1
Bromodichloromethane	ND		ug/kg	0.73	0.16	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.40	1
cis-1,3-Dichloropropene	ND		ug/kg	0.73	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.73	0.23	1
1,1-Dichloropropene	ND		ug/kg	0.73	0.23	1
Bromoform	ND		ug/kg	5.9	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.73	0.24	1
Benzene	ND		ug/kg	0.73	0.24	1
Toluene	1.0	J	ug/kg	1.5	0.80	1
Ethylbenzene	0.42	J	ug/kg	1.5	0.21	1
Chloromethane	ND		ug/kg	5.9	1.4	1
Bromomethane	ND		ug/kg	2.9	0.85	1
Vinyl chloride	ND		ug/kg	1.5	0.49	1
Chloroethane	ND		ug/kg	2.9	0.66	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.2	0.20	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13 Date Collected: 02/08/22 13:40

Client ID: SS-01_0-0.5 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.73	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	2.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	2.9	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	2.9	0.25	1
Methyl tert butyl ether	ND		ug/kg	2.9	0.29	1
p/m-Xylene	ND		ug/kg	2.9	0.82	1
o-Xylene	0.76	J	ug/kg	1.5	0.43	1
Xylenes, Total	0.76	J	ug/kg	1.5	0.43	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.26	1
1,2-Dichloroethene, Total	ND		ug/kg	1.5	0.20	1
Dibromomethane	ND		ug/kg	2.9	0.35	1
Styrene	ND		ug/kg	1.5	0.29	1
Dichlorodifluoromethane	ND		ug/kg	15	1.3	1
Acetone	ND		ug/kg	15	7.1	1
Carbon disulfide	ND		ug/kg	15	6.7	1
2-Butanone	ND		ug/kg	15	3.2	1
Vinyl acetate	ND		ug/kg	15	3.2	1
4-Methyl-2-pentanone	ND		ug/kg	15	1.9	1
1,2,3-Trichloropropane	ND		ug/kg	2.9	0.19	1
2-Hexanone	ND		ug/kg	15	1.7	1
Bromochloromethane	ND		ug/kg	2.9	0.30	1
2,2-Dichloropropane	ND		ug/kg	2.9	0.30	1
1,2-Dibromoethane	ND		ug/kg	1.5	0.41	1
1,3-Dichloropropane	ND		ug/kg	2.9	0.24	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.73	0.19	1
Bromobenzene	ND		ug/kg	2.9	0.21	1
n-Butylbenzene	0.37	J	ug/kg	1.5	0.24	1
sec-Butylbenzene	0.38	J	ug/kg	1.5	0.21	1
tert-Butylbenzene	ND		ug/kg	2.9	0.17	1
o-Chlorotoluene	ND		ug/kg	2.9	0.28	1
p-Chlorotoluene	ND		ug/kg	2.9	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	1.5	1
Hexachlorobutadiene	ND		ug/kg	5.9	0.25	1
Isopropylbenzene	0.27	J	ug/kg	1.5	0.16	1
p-Isopropyltoluene	0.24	J	ug/kg	1.5	0.16	1
Naphthalene	ND		ug/kg	5.9	0.95	1
Acrylonitrile	ND		ug/kg	5.9	1.7	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13
Client ID: SS-01_0-0.5
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.80	J	ug/kg	1.5	0.25	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.9	0.47	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.9	0.40	1
1,3,5-Trimethylbenzene	1.7	J	ug/kg	2.9	0.28	1
1,2,4-Trimethylbenzene	2.1	J	ug/kg	2.9	0.49	1
1,4-Dioxane	ND		ug/kg	120	52.	1
p-Diethylbenzene	2.6	J	ug/kg	2.9	0.26	1
p-Ethyltoluene	2.5	J	ug/kg	2.9	0.56	1
1,2,4,5-Tetramethylbenzene	1.4	J	ug/kg	2.9	0.28	1
Ethyl ether	ND		ug/kg	2.9	0.50	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.3	2.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	103		70-130

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/09/22 11:40
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-13 Batch: WG1603889-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/09/22 11:40
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-13 Batch: WG1603889-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/09/22 11:40
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-13 Batch: WG1603889-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-13 Batch: WG1603889-3 WG1603889-4								
Methylene chloride	88		85		70-130	3		30
1,1-Dichloroethane	89		86		70-130	3		30
Chloroform	93		86		70-130	8		30
Carbon tetrachloride	91		88		70-130	3		30
1,2-Dichloropropane	103		99		70-130	4		30
Dibromochloromethane	93		91		70-130	2		30
1,1,2-Trichloroethane	104		103		70-130	1		30
Tetrachloroethene	98		93		70-130	5		30
Chlorobenzene	97		93		70-130	4		30
Trichlorofluoromethane	72		70		70-139	3		30
1,2-Dichloroethane	96		93		70-130	3		30
1,1,1-Trichloroethane	90		86		70-130	5		30
Bromodichloromethane	99		96		70-130	3		30
trans-1,3-Dichloropropene	94		92		70-130	2		30
cis-1,3-Dichloropropene	96		93		70-130	3		30
1,1-Dichloropropene	98		94		70-130	4		30
Bromoform	92		91		70-130	1		30
1,1,2,2-Tetrachloroethane	108		107		70-130	1		30
Benzene	99		96		70-130	3		30
Toluene	94		89		70-130	5		30
Ethylbenzene	96		91		70-130	5		30
Chloromethane	74		73		52-130	1		30
Bromomethane	69		66		57-147	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-13 Batch: WG1603889-3 WG1603889-4								
Vinyl chloride	74		71		67-130	4		30
Chloroethane	71		68		50-151	4		30
1,1-Dichloroethene	81		80		65-135	1		30
trans-1,2-Dichloroethene	88		83		70-130	6		30
Trichloroethene	100		96		70-130	4		30
1,2-Dichlorobenzene	97		92		70-130	5		30
1,3-Dichlorobenzene	97		91		70-130	6		30
1,4-Dichlorobenzene	97		91		70-130	6		30
Methyl tert butyl ether	102		103		66-130	1		30
p/m-Xylene	100		94		70-130	6		30
o-Xylene	98		93		70-130	5		30
cis-1,2-Dichloroethene	91		87		70-130	4		30
Dibromomethane	94		92		70-130	2		30
Styrene	98		94		70-130	4		30
Dichlorodifluoromethane	67		65		30-146	3		30
Acetone	87		92		54-140	6		30
Carbon disulfide	75		72		59-130	4		30
2-Butanone	100		106		70-130	6		30
Vinyl acetate	99		97		70-130	2		30
4-Methyl-2-pentanone	99		103		70-130	4		30
1,2,3-Trichloropropane	104		104		68-130	0		30
2-Hexanone	106		111		70-130	5		30
Bromochloromethane	91		88		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-13 Batch: WG1603889-3 WG1603889-4								
2,2-Dichloropropane	92		88		70-130	4		30
1,2-Dibromoethane	92		91		70-130	1		30
1,3-Dichloropropane	105		104		69-130	1		30
1,1,1,2-Tetrachloroethane	94		91		70-130	3		30
Bromobenzene	100		94		70-130	6		30
n-Butylbenzene	98		92		70-130	6		30
sec-Butylbenzene	97		91		70-130	6		30
tert-Butylbenzene	99		92		70-130	7		30
o-Chlorotoluene	101		95		70-130	6		30
p-Chlorotoluene	101		95		70-130	6		30
1,2-Dibromo-3-chloropropane	89		88		68-130	1		30
Hexachlorobutadiene	98		91		67-130	7		30
Isopropylbenzene	100		94		70-130	6		30
p-Isopropyltoluene	97		91		70-130	6		30
Naphthalene	104		102		70-130	2		30
Acrylonitrile	94		98		70-130	4		30
n-Propylbenzene	100		93		70-130	7		30
1,2,3-Trichlorobenzene	101		98		70-130	3		30
1,2,4-Trichlorobenzene	100		95		70-130	5		30
1,3,5-Trimethylbenzene	95		90		70-130	5		30
1,2,4-Trimethylbenzene	97		91		70-130	6		30
1,4-Dioxane	112		119		65-136	6		30
p-Diethylbenzene	96		89		70-130	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-13 Batch: WG1603889-3 WG1603889-4								
p-Ethyltoluene	99		92		70-130	7		30
1,2,4,5-Tetramethylbenzene	99		93		70-130	6		30
Ethyl ether	83		81		67-130	2		30
trans-1,4-Dichloro-2-butene	96		96		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		91		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	106		105		70-130
Dibromofluoromethane	91		92		70-130

SEMIVOLATILES

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01
Client ID: HA-01_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 09:13
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 19:07
Analyst: CMM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	3100		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	160	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01 Date Collected: 02/08/22 09:13

Client ID: HA-01_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	1600		ug/kg	100	19.	1
Benzo(a)pyrene	1600		ug/kg	140	42.	1
Benzo(b)fluoranthene	1900		ug/kg	100	29.	1
Benzo(k)fluoranthene	470		ug/kg	100	27.	1
Chrysene	1600		ug/kg	100	18.	1
Acenaphthylene	150		ug/kg	140	26.	1
Anthracene	390		ug/kg	100	33.	1
Benzo(ghi)perylene	1000		ug/kg	140	20.	1
Fluorene	120	J	ug/kg	170	16.	1
Phenanthrene	1600		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	190		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	140	24.	1
Pyrene	3100		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	88	J	ug/kg	170	16.	1
2-Methylnaphthalene	48	J	ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01
Client ID: HA-01_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:13
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	130	J	ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	37		10-136
4-Terphenyl-d14	56		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02
Client ID: HA-01_6-8
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 09:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 19:31
Analyst: CMM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	57	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	1400		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	51	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02 Date Collected: 02/08/22 09:23

Client ID: HA-01_6-8 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	800		ug/kg	100	19.	1
Benzo(a)pyrene	910		ug/kg	140	42.	1
Benzo(b)fluoranthene	1000		ug/kg	100	29.	1
Benzo(k)fluoranthene	360		ug/kg	100	28.	1
Chrysene	780		ug/kg	100	18.	1
Acenaphthylene	70	J	ug/kg	140	27.	1
Anthracene	180		ug/kg	100	34.	1
Benzo(ghi)perylene	650		ug/kg	140	20.	1
Fluorene	44	J	ug/kg	170	17.	1
Phenanthrene	730		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	120		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	680		ug/kg	140	24.	1
Pyrene	1300		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	33	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02
Client ID: HA-01_6-8
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	71	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	67		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03
Client ID: HA-02_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 10:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 19:55
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03 Date Collected: 02/08/22 10:45

Client ID: HA-02_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03
Client ID: HA-02_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 10:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	50		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04
Client ID: HA-02_5-6
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 10:50
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 20:19
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	2400		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	78	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04 Date Collected: 02/08/22 10:50

Client ID: HA-02_5-6 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	1300		ug/kg	100	20.	1
Benzo(a)pyrene	1200		ug/kg	140	43.	1
Benzo(b)fluoranthene	1400		ug/kg	100	29.	1
Benzo(k)fluoranthene	470		ug/kg	100	28.	1
Chrysene	1200		ug/kg	100	18.	1
Acenaphthylene	260		ug/kg	140	27.	1
Anthracene	300		ug/kg	100	34.	1
Benzo(ghi)perylene	690		ug/kg	140	20.	1
Fluorene	100	J	ug/kg	170	17.	1
Phenanthrene	1200		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	160		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	810		ug/kg	140	24.	1
Pyrene	2200		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	73	J	ug/kg	170	16.	1
2-Methylnaphthalene	38	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04
Client ID: HA-02_5-6
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 10:50
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	170	54.	1
Carbazole	97	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	58		10-136
4-Terphenyl-d14	53		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05
Client ID: HA-03_0-1
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 09:43
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 20:43
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05 Date Collected: 02/08/22 09:43

Client ID: HA-03_0-1 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05
Client ID: HA-03_0-1
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:43
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	48		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06
Client ID: HA-03_1-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 09:55
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 21:07
Analyst: CMM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06 Date Collected: 02/08/22 09:55

Client ID: HA-03_1-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06
Client ID: HA-03_1-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:55
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	56		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07
Client ID: HA-04_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 21:31
Analyst: CMM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	220		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07 Date Collected: 02/08/22 13:15

Client ID: HA-04_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	120		ug/kg	110	20.	1
Benzo(a)pyrene	120	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	140		ug/kg	110	30.	1
Benzo(k)fluoranthene	46	J	ug/kg	110	29.	1
Chrysene	110		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	74	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	120		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	86	J	ug/kg	140	25.	1
Pyrene	200		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07
Client ID: HA-04_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	59		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08
Client ID: HA-04_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 21:55
Analyst: CMM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	120		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	140	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08 Date Collected: 02/08/22 13:25

Client ID: HA-04_3-4 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	63	J	ug/kg	100	19.	1
Benzo(a)pyrene	58	J	ug/kg	140	41.	1
Benzo(b)fluoranthene	72	J	ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	60	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	36	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	73	J	ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	41	J	ug/kg	140	24.	1
Pyrene	110		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08
Client ID: HA-04_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	65		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09
Client ID: HA-05_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 12:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 22:19
Analyst: CMM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	840		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	7500	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	430		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	290		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09 Date Collected: 02/08/22 12:40

Client ID: HA-05_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	4400		ug/kg	110	20.	1
Benzo(a)pyrene	3800		ug/kg	140	44.	1
Benzo(b)fluoranthene	5000		ug/kg	110	30.	1
Benzo(k)fluoranthene	1400		ug/kg	110	29.	1
Chrysene	4000		ug/kg	110	19.	1
Acenaphthylene	360		ug/kg	140	28.	1
Anthracene	1800		ug/kg	110	35.	1
Benzo(ghi)perylene	2200		ug/kg	140	21.	1
Fluorene	690		ug/kg	180	18.	1
Phenanthrene	6100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	560		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2700		ug/kg	140	25.	1
Pyrene	6300		ug/kg	110	18.	1
Biphenyl	46	J	ug/kg	410	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	440		ug/kg	180	17.	1
2-Methylnaphthalene	160	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	31	J	ug/kg	260	28.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09
Client ID: HA-05_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 12:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	1000		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	19		10-136
4-Terphenyl-d14	50		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09 D
Client ID: HA-05_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 12:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/15/22 11:30
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	10000		ug/kg	540	100	5

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10
Client ID: HA-05_8-10
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 18:23
Analyst: CMM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	300		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	9700	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	540		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	190		ug/kg	180	64.	1
Butyl benzyl phthalate	220		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10 Date Collected: 02/08/22 13:00

Client ID: HA-05_8-10 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	6500		ug/kg	110	21.	1
Benzo(a)pyrene	4600		ug/kg	150	45.	1
Benzo(b)fluoranthene	6400		ug/kg	110	31.	1
Benzo(k)fluoranthene	1900		ug/kg	110	30.	1
Chrysene	5600		ug/kg	110	19.	1
Acenaphthylene	2500		ug/kg	150	28.	1
Anthracene	2500		ug/kg	110	36.	1
Benzo(ghi)perylene	2800		ug/kg	150	22.	1
Fluorene	360		ug/kg	180	18.	1
Phenanthrene	6500		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	750		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	3400		ug/kg	150	26.	1
Pyrene	7700	E	ug/kg	110	18.	1
Biphenyl	36	J	ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	260		ug/kg	180	17.	1
2-Methylnaphthalene	120	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	35	J	ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	180	J	ug/kg	270	29.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10
Client ID: HA-05_8-10
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	1400		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	37		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	54		18-120

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10 D
Client ID: HA-05_8-10
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/14/22 17:14
Analyst: IM
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	12000		ug/kg	550	110	5
Pyrene	8800		ug/kg	550	92.	5

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11
Client ID: HA-06_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 11:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 18:47
Analyst: CMM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	41	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	320		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11 Date Collected: 02/08/22 11:15

Client ID: HA-06_0-2 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	170		ug/kg	100	20.	1
Benzo(a)pyrene	110	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	140		ug/kg	100	30.	1
Benzo(k)fluoranthene	46	J	ug/kg	100	28.	1
Chrysene	160		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	58	J	ug/kg	100	34.	1
Benzo(ghi)perylene	60	J	ug/kg	140	21.	1
Fluorene	27	J	ug/kg	180	17.	1
Phenanthrene	310		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	71	J	ug/kg	140	24.	1
Pyrene	290		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	20	J	ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11
Client ID: HA-06_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 11:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	30	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	30		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	36		10-136
4-Terphenyl-d14	58		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12
Client ID: HA-06_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 11:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 19:12
Analyst: CMM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12 Date Collected: 02/08/22 11:25

Client ID: HA-06_3-4 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12
Client ID: HA-06_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 11:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	24		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	26		10-136
4-Terphenyl-d14	53		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13
Client ID: SS-01_0-0.5
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/12/22 19:36
Analyst: CMM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	180		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	84	J	ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 91 BRUCKNER **Lab Number:** L2206632

Project Number: 0204520 **Report Date:** 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13 Date Collected: 02/08/22 13:40

Client ID: SS-01_0-0.5 Date Received: 02/08/22

Sample Location: 91 BRUCKNER BLVD, BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	360		ug/kg	200	43.	1
Benzo(a)anthracene	150		ug/kg	120	23.	1
Benzo(a)pyrene	140	J	ug/kg	160	50.	1
Benzo(b)fluoranthene	210		ug/kg	120	34.	1
Benzo(k)fluoranthene	74	J	ug/kg	120	32.	1
Chrysene	170		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	160		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	130		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	150	J	ug/kg	160	28.	1
Pyrene	180		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	19	J	ug/kg	200	19.	1
2-Methylnaphthalene	120	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	29	J	ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13
Client ID: SS-01_0-0.5
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	36		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	57		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/11/22 23:32
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/11/22 16:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1604175-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	29.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	57.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/11/22 23:32
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/11/22 16:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1604175-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	41.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	27.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	21.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	63.

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/11/22 23:32
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/11/22 16:31

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1604175-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	78.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	37.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	58		18-120

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/22 13:07
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-13 Batch: WG1604238-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	140	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	140	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	140	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/22 13:07
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-13 Batch: WG1604238-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	22.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	29.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	30.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	140	26.
2,4-Dimethylphenol	ND		ug/kg	160	53.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/22 13:07
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 02/12/22 00:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10-13 Batch: WG1604238-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1604175-2 WG1604175-3								
Acenaphthene	69		46		31-137	40		50
1,2,4-Trichlorobenzene	70		39		38-107	**57**	Q	50
Hexachlorobenzene	69		48		40-140	36		50
Bis(2-chloroethyl)ether	68		40		40-140	**52**	Q	50
2-Chloronaphthalene	75		44		40-140	**52**	Q	50
1,2-Dichlorobenzene	69		41		40-140	**51**	Q	50
1,3-Dichlorobenzene	67		**39**	Q	40-140	**53**	Q	50
1,4-Dichlorobenzene	70		41		28-104	**52**	Q	50
3,3'-Dichlorobenzidine	50		40		40-140	22		50
2,4-Dinitrotoluene	73		50		40-132	37		50
2,6-Dinitrotoluene	74		50		40-140	39		50
Fluoranthene	77		51		40-140	41		50
4-Chlorophenyl phenyl ether	72		47		40-140	42		50
4-Bromophenyl phenyl ether	69		47		40-140	38		50
Bis(2-chloroisopropyl)ether	75		43		40-140	**54**	Q	50
Bis(2-chloroethoxy)methane	70		41		40-117	**52**	Q	50
Hexachlorobutadiene	72		42		40-140	**53**	Q	50
Hexachlorocyclopentadiene	63		**35**	Q	40-140	**57**	Q	50
Hexachloroethane	72		**39**	Q	40-140	**59**	Q	50
Isophorone	70		42		40-140	50		50
Naphthalene	71		43		40-140	49		50
Nitrobenzene	70		40		40-140	**55**	Q	50
NDPA/DPA	72		49		36-157	38		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1604175-2 WG1604175-3								
n-Nitrosodi-n-propylamine	71		41		32-121	**54**	Q	50
Bis(2-ethylhexyl)phthalate	80		54		40-140	39		50
Butyl benzyl phthalate	82		55		40-140	39		50
Di-n-butylphthalate	80		53		40-140	41		50
Di-n-octylphthalate	81		54		40-140	40		50
Diethyl phthalate	73		51		40-140	35		50
Dimethyl phthalate	75		50		40-140	40		50
Benzo(a)anthracene	74		50		40-140	39		50
Benzo(a)pyrene	74		52		40-140	35		50
Benzo(b)fluoranthene	73		49		40-140	39		50
Benzo(k)fluoranthene	75		55		40-140	31		50
Chrysene	74		50		40-140	39		50
Acenaphthylene	75		47		40-140	46		50
Anthracene	74		48		40-140	43		50
Benzo(ghi)perylene	79		52		40-140	41		50
Fluorene	71		48		40-140	39		50
Phenanthrene	75		50		40-140	40		50
Dibenzo(a,h)anthracene	78		52		40-140	40		50
Indeno(1,2,3-cd)pyrene	79		52		40-140	41		50
Pyrene	78		51		35-142	42		50
Biphenyl	74		44		37-127	**51**	Q	50
4-Chloroaniline	72		42		40-140	**53**	Q	50
2-Nitroaniline	76		49		47-134	43		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1604175-2 WG1604175-3								
3-Nitroaniline	62		45		26-129	32		50
4-Nitroaniline	72		50		41-125	36		50
Dibenzofuran	73		48		40-140	41		50
2-Methylnaphthalene	72		44		40-140	48		50
1,2,4,5-Tetrachlorobenzene	73		45		40-117	47		50
Acetophenone	71		41		14-144	**54**	Q	50
2,4,6-Trichlorophenol	76		48		30-130	45		50
p-Chloro-m-cresol	76		48		26-103	45		50
2-Chlorophenol	73		43		25-102	**52**	Q	50
2,4-Dichlorophenol	74		46		30-130	47		50
2,4-Dimethylphenol	73		45		30-130	47		50
2-Nitrophenol	72		43		30-130	50		50
4-Nitrophenol	78		51		11-114	42		50
2,4-Dinitrophenol	30		25		4-130	18		50
4,6-Dinitro-o-cresol	72		48		10-130	40		50
Pentachlorophenol	69		47		17-109	38		50
Phenol	74		42		26-90	**55**	Q	50
2-Methylphenol	74		44		30-130.	**51**	Q	50
3-Methylphenol/4-Methylphenol	80		49		30-130	48		50
2,4,5-Trichlorophenol	81		49		30-130	49		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	76		44		40-140	**53**	Q	50
Carbazole	75		**51**	Q	54-128	38		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1604175-2 WG1604175-3								
1,4-Dioxane	50		**36**	Q	40-140	33		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		43		25-120
Phenol-d6	77		45		10-120
Nitrobenzene-d5	72		41		23-120
2-Fluorobiphenyl	73		46		30-120
2,4,6-Tribromophenol	72		50		10-136
4-Terphenyl-d14	77		53		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-13 Batch: WG1604238-2 WG1604238-3								
Acenaphthene	70		69		31-137	1		50
1,2,4-Trichlorobenzene	70		67		38-107	4		50
Hexachlorobenzene	75		72		40-140	4		50
Bis(2-chloroethyl)ether	72		67		40-140	7		50
2-Chloronaphthalene	73		69		40-140	6		50
1,2-Dichlorobenzene	70		68		40-140	3		50
1,3-Dichlorobenzene	69		65		40-140	6		50
1,4-Dichlorobenzene	70		66		28-104	6		50
3,3'-Dichlorobenzidine	54		54		40-140	0		50
2,4-Dinitrotoluene	75		74		40-132	1		50
2,6-Dinitrotoluene	74		70		40-140	6		50
Fluoranthene	78		72		40-140	8		50
4-Chlorophenyl phenyl ether	73		71		40-140	3		50
4-Bromophenyl phenyl ether	73		72		40-140	1		50
Bis(2-chloroisopropyl)ether	74		69		40-140	7		50
Bis(2-chloroethoxy)methane	73		67		40-117	9		50
Hexachlorobutadiene	71		66		40-140	7		50
Hexachlorocyclopentadiene	64		62		40-140	3		50
Hexachloroethane	69		67		40-140	3		50
Isophorone	70		67		40-140	4		50
Naphthalene	71		67		40-140	6		50
Nitrobenzene	71		69		40-140	3		50
NDPA/DPA	74		73		36-157	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-13 Batch: WG1604238-2 WG1604238-3								
n-Nitrosodi-n-propylamine	71		67		32-121	6		50
Bis(2-ethylhexyl)phthalate	79		73		40-140	8		50
Butyl benzyl phthalate	82		73		40-140	12		50
Di-n-butylphthalate	80		74		40-140	8		50
Di-n-octylphthalate	79		75		40-140	5		50
Diethyl phthalate	76		73		40-140	4		50
Dimethyl phthalate	73		69		40-140	6		50
Benzo(a)anthracene	73		72		40-140	1		50
Benzo(a)pyrene	75		72		40-140	4		50
Benzo(b)fluoranthene	78		75		40-140	4		50
Benzo(k)fluoranthene	75		72		40-140	4		50
Chrysene	74		73		40-140	1		50
Acenaphthylene	72		71		40-140	1		50
Anthracene	74		72		40-140	3		50
Benzo(ghi)perylene	80		74		40-140	8		50
Fluorene	74		73		40-140	1		50
Phenanthrene	75		72		40-140	4		50
Dibenzo(a,h)anthracene	77		74		40-140	4		50
Indeno(1,2,3-cd)pyrene	80		76		40-140	5		50
Pyrene	78		72		35-142	8		50
Biphenyl	72		70		37-127	3		50
4-Chloroaniline	69		64		40-140	8		50
2-Nitroaniline	76		73		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-13 Batch: WG1604238-2 WG1604238-3								
3-Nitroaniline	62		61		26-129	2		50
4-Nitroaniline	74		74		41-125	0		50
Dibenzofuran	74		72		40-140	3		50
2-Methylnaphthalene	72		68		40-140	6		50
1,2,4,5-Tetrachlorobenzene	72		70		40-117	3		50
Acetophenone	72		68		14-144	6		50
2,4,6-Trichlorophenol	77		75		30-130	3		50
p-Chloro-m-cresol	74		73		26-103	1		50
2-Chlorophenol	76		73		25-102	4		50
2,4-Dichlorophenol	77		75		30-130	3		50
2,4-Dimethylphenol	76		70		30-130	8		50
2-Nitrophenol	71		72		30-130	1		50
4-Nitrophenol	83		77		11-114	8		50
2,4-Dinitrophenol	57		62		4-130	8		50
4,6-Dinitro-o-cresol	78		78		10-130	0		50
Pentachlorophenol	74		71		17-109	4		50
Phenol	75		74		26-90	1		50
2-Methylphenol	77		75		30-130.	3		50
3-Methylphenol/4-Methylphenol	82		79		30-130	4		50
2,4,5-Trichlorophenol	77		74		30-130	4		50
Benzoic Acid	10		18		10-110	**57**	Q	50
Benzyl Alcohol	77		74		40-140	4		50
Carbazole	78		74		54-128	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10-13 Batch: WG1604238-2 WG1604238-3								
1,4-Dioxane	46		51		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		78		25-120
Phenol-d6	82		80		10-120
Nitrobenzene-d5	78		72		23-120
2-Fluorobiphenyl	77		73		30-120
2,4,6-Tribromophenol	80		81		10-136
4-Terphenyl-d14	81		75		18-120

PCBS

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01
Client ID: HA-01_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 09:13
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 11:18
Analyst: AD
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:35
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.2	2.95	1	A
Aroclor 1221	ND		ug/kg	33.2	3.33	1	A
Aroclor 1232	ND		ug/kg	33.2	7.04	1	A
Aroclor 1242	ND		ug/kg	33.2	4.48	1	A
Aroclor 1248	ND		ug/kg	33.2	4.98	1	A
Aroclor 1254	ND		ug/kg	33.2	3.63	1	A
Aroclor 1260	ND		ug/kg	33.2	6.14	1	A
Aroclor 1262	ND		ug/kg	33.2	4.22	1	A
Aroclor 1268	ND		ug/kg	33.2	3.44	1	A
PCBs, Total	ND		ug/kg	33.2	2.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02
Client ID: HA-01_6-8
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 09:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 11:28
Analyst: AD
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:35
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.48	1	A
Aroclor 1232	ND		ug/kg	34.8	7.37	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.80	1	A
Aroclor 1260	ND		ug/kg	34.8	6.43	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	ND		ug/kg	34.8	3.60	1	A
PCBs, Total	ND		ug/kg	34.8	3.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03
Client ID: HA-02_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 10:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 11:37
Analyst: AD
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:35
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.6	3.16	1	A
Aroclor 1221	ND		ug/kg	35.6	3.57	1	A
Aroclor 1232	ND		ug/kg	35.6	7.54	1	A
Aroclor 1242	ND		ug/kg	35.6	4.80	1	A
Aroclor 1248	ND		ug/kg	35.6	5.34	1	A
Aroclor 1254	ND		ug/kg	35.6	3.89	1	A
Aroclor 1260	21.3	J	ug/kg	35.6	6.58	1	A
Aroclor 1262	ND		ug/kg	35.6	4.52	1	A
Aroclor 1268	ND		ug/kg	35.6	3.69	1	A
PCBs, Total	21.3	J	ug/kg	35.6	3.16	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04
Client ID: HA-02_5-6
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 10:50
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 11:46
Analyst: AD
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:35
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.4	3.14	1	A
Aroclor 1221	ND		ug/kg	35.4	3.54	1	A
Aroclor 1232	ND		ug/kg	35.4	7.50	1	A
Aroclor 1242	ND		ug/kg	35.4	4.77	1	A
Aroclor 1248	ND		ug/kg	35.4	5.30	1	A
Aroclor 1254	ND		ug/kg	35.4	3.87	1	A
Aroclor 1260	ND		ug/kg	35.4	6.54	1	A
Aroclor 1262	ND		ug/kg	35.4	4.49	1	A
Aroclor 1268	ND		ug/kg	35.4	3.66	1	A
PCBs, Total	ND		ug/kg	35.4	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05
Client ID: HA-03_0-1
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 09:43
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 11:55
Analyst: AD
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.12	1	A
Aroclor 1221	ND		ug/kg	35.1	3.52	1	A
Aroclor 1232	ND		ug/kg	35.1	7.44	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.48	1	A
Aroclor 1262	ND		ug/kg	35.1	4.46	1	A
Aroclor 1268	ND		ug/kg	35.1	3.63	1	A
PCBs, Total	ND		ug/kg	35.1	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06
Client ID: HA-03_1-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 09:55
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 12:04
Analyst: AD
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.49	1	A
Aroclor 1232	ND		ug/kg	34.9	7.39	1	A
Aroclor 1242	ND		ug/kg	34.9	4.70	1	A
Aroclor 1248	ND		ug/kg	34.9	5.23	1	A
Aroclor 1254	ND		ug/kg	34.9	3.81	1	A
Aroclor 1260	ND		ug/kg	34.9	6.44	1	A
Aroclor 1262	ND		ug/kg	34.9	4.43	1	A
Aroclor 1268	ND		ug/kg	34.9	3.61	1	A
PCBs, Total	ND		ug/kg	34.9	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07
Client ID: HA-04_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 12:14
Analyst: AD
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.1	3.20	1	A
Aroclor 1221	ND		ug/kg	36.1	3.62	1	A
Aroclor 1232	ND		ug/kg	36.1	7.65	1	A
Aroclor 1242	ND		ug/kg	36.1	4.86	1	A
Aroclor 1248	ND		ug/kg	36.1	5.41	1	A
Aroclor 1254	ND		ug/kg	36.1	3.95	1	A
Aroclor 1260	ND		ug/kg	36.1	6.67	1	A
Aroclor 1262	ND		ug/kg	36.1	4.58	1	A
Aroclor 1268	ND		ug/kg	36.1	3.74	1	A
PCBs, Total	ND		ug/kg	36.1	3.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08
Client ID: HA-04_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 12:23
Analyst: AD
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.3	2.96	1	A
Aroclor 1221	ND		ug/kg	33.3	3.34	1	A
Aroclor 1232	ND		ug/kg	33.3	7.06	1	A
Aroclor 1242	ND		ug/kg	33.3	4.49	1	A
Aroclor 1248	ND		ug/kg	33.3	5.00	1	A
Aroclor 1254	ND		ug/kg	33.3	3.64	1	A
Aroclor 1260	ND		ug/kg	33.3	6.16	1	A
Aroclor 1262	ND		ug/kg	33.3	4.23	1	A
Aroclor 1268	ND		ug/kg	33.3	3.45	1	A
PCBs, Total	ND		ug/kg	33.3	2.96	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09
Client ID: HA-05_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 12:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 12:32
Analyst: AD
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	3.20	1	A
Aroclor 1221	ND		ug/kg	36.0	3.61	1	A
Aroclor 1232	ND		ug/kg	36.0	7.64	1	A
Aroclor 1242	ND		ug/kg	36.0	4.86	1	A
Aroclor 1248	ND		ug/kg	36.0	5.40	1	A
Aroclor 1254	ND		ug/kg	36.0	3.94	1	A
Aroclor 1260	10.9	J	ug/kg	36.0	6.66	1	A
Aroclor 1262	ND		ug/kg	36.0	4.57	1	A
Aroclor 1268	ND		ug/kg	36.0	3.73	1	A
PCBs, Total	10.9	J	ug/kg	36.0	3.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10
Client ID: HA-05_8-10
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 12:41
Analyst: AD
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.4	3.14	1	A
Aroclor 1221	ND		ug/kg	35.4	3.55	1	A
Aroclor 1232	ND		ug/kg	35.4	7.51	1	A
Aroclor 1242	ND		ug/kg	35.4	4.77	1	A
Aroclor 1248	ND		ug/kg	35.4	5.31	1	A
Aroclor 1254	ND		ug/kg	35.4	3.87	1	A
Aroclor 1260	ND		ug/kg	35.4	6.54	1	A
Aroclor 1262	ND		ug/kg	35.4	4.50	1	A
Aroclor 1268	ND		ug/kg	35.4	3.67	1	A
PCBs, Total	ND		ug/kg	35.4	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	144		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11
Client ID: HA-06_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 11:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 13:00
Analyst: AD
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.12	1	A
Aroclor 1221	ND		ug/kg	35.1	3.52	1	A
Aroclor 1232	ND		ug/kg	35.1	7.45	1	A
Aroclor 1242	ND		ug/kg	35.1	4.74	1	A
Aroclor 1248	ND		ug/kg	35.1	5.27	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.49	1	A
Aroclor 1262	ND		ug/kg	35.1	4.46	1	A
Aroclor 1268	ND		ug/kg	35.1	3.64	1	A
PCBs, Total	ND		ug/kg	35.1	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12
Client ID: HA-06_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 11:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 13:09
Analyst: AD
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.4	3.14	1	A
Aroclor 1221	ND		ug/kg	35.4	3.54	1	A
Aroclor 1232	ND		ug/kg	35.4	7.50	1	A
Aroclor 1242	ND		ug/kg	35.4	4.77	1	A
Aroclor 1248	ND		ug/kg	35.4	5.30	1	A
Aroclor 1254	ND		ug/kg	35.4	3.87	1	A
Aroclor 1260	ND		ug/kg	35.4	6.54	1	A
Aroclor 1262	ND		ug/kg	35.4	4.49	1	A
Aroclor 1268	ND		ug/kg	35.4	3.66	1	A
PCBs, Total	ND		ug/kg	35.4	3.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13
Client ID: SS-01_0-0.5
Sample Location: 91 BRUCKNER BLVD, BRONX, NY

Date Collected: 02/08/22 13:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 02/14/22 15:53
Analyst: AD
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:38
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.46	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.25	1	A
Aroclor 1242	ND		ug/kg	38.9	5.24	1	A
Aroclor 1248	ND		ug/kg	38.9	5.84	1	A
Aroclor 1254	ND		ug/kg	38.9	4.26	1	A
Aroclor 1260	8.29	J	ug/kg	38.9	7.19	1	A
Aroclor 1262	ND		ug/kg	38.9	4.94	1	A
Aroclor 1268	6.62	J	ug/kg	38.9	4.03	1	B
PCBs, Total	14.9	J	ug/kg	38.9	3.46	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/12/22 00:06
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 02/11/22 11:57
Cleanup Method: EPA 3665A
Cleanup Date: 02/11/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/11/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 13 Batch: WG1604040-1						
Aroclor 1016	ND		ug/kg	32.8	2.91	A
Aroclor 1221	ND		ug/kg	32.8	3.28	A
Aroclor 1232	ND		ug/kg	32.8	6.95	A
Aroclor 1242	ND		ug/kg	32.8	4.42	A
Aroclor 1248	ND		ug/kg	32.8	4.91	A
Aroclor 1254	ND		ug/kg	32.8	3.58	A
Aroclor 1260	ND		ug/kg	32.8	6.06	A
Aroclor 1262	ND		ug/kg	32.8	4.16	A
Aroclor 1268	ND		ug/kg	32.8	3.39	A
PCBs, Total	ND		ug/kg	32.8	2.91	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/14/22 09:46
Analyst: JWL

Extraction Method: EPA 3546
Extraction Date: 02/12/22 01:35
Cleanup Method: EPA 3665A
Cleanup Date: 02/12/22
Cleanup Method: EPA 3660B
Cleanup Date: 02/12/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-12 Batch: WG1604248-1						
Aroclor 1016	ND		ug/kg	32.3	2.87	A
Aroclor 1221	ND		ug/kg	32.3	3.24	A
Aroclor 1232	ND		ug/kg	32.3	6.85	A
Aroclor 1242	ND		ug/kg	32.3	4.36	A
Aroclor 1248	ND		ug/kg	32.3	4.85	A
Aroclor 1254	ND		ug/kg	32.3	3.54	A
Aroclor 1260	ND		ug/kg	32.3	5.97	A
Aroclor 1262	ND		ug/kg	32.3	4.10	A
Aroclor 1268	ND		ug/kg	32.3	3.35	A
PCBs, Total	ND		ug/kg	32.3	2.87	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 13 Batch: WG1604040-2 WG1604040-3									
Aroclor 1016	66		65		40-140	2		50	A
Aroclor 1260	63		64		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		63		30-150	A
Decachlorobiphenyl	68		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		65		30-150	B
Decachlorobiphenyl	65		63		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-12 Batch: WG1604248-2 WG1604248-3									
Aroclor 1016	86		78		40-140	10		50	A
Aroclor 1260	83		75		40-140	10		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		69		30-150	A
Decachlorobiphenyl	75		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		71		30-150	B
Decachlorobiphenyl	72		64		30-150	B

METALS

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01
Client ID: HA-01_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:13
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6070		mg/kg	8.00	2.16	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.00	0.304	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Arsenic, Total	3.29		mg/kg	0.800	0.166	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Barium, Total	142		mg/kg	0.800	0.139	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Beryllium, Total	0.240	J	mg/kg	0.400	0.026	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Cadmium, Total	0.776	J	mg/kg	0.800	0.078	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Calcium, Total	38700		mg/kg	8.00	2.80	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Chromium, Total	18.4		mg/kg	0.800	0.077	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Cobalt, Total	6.34		mg/kg	1.60	0.133	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Copper, Total	102		mg/kg	0.800	0.206	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Iron, Total	13100		mg/kg	4.00	0.722	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Lead, Total	282		mg/kg	4.00	0.214	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Magnesium, Total	20000		mg/kg	8.00	1.23	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Manganese, Total	237		mg/kg	0.800	0.127	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Mercury, Total	0.705		mg/kg	0.068	0.045	1	02/09/22 16:35	02/14/22 22:58	EPA 7471B	1,7471B	AC
Nickel, Total	11.6		mg/kg	2.00	0.193	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Potassium, Total	2180		mg/kg	200	11.5	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Selenium, Total	0.352	J	mg/kg	1.60	0.206	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.800	0.226	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Sodium, Total	392		mg/kg	160	2.52	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.60	0.252	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Vanadium, Total	20.8		mg/kg	0.800	0.162	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL
Zinc, Total	269		mg/kg	4.00	0.234	2	02/09/22 16:18	02/13/22 12:21	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02
Client ID: HA-01_6-8
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5660		mg/kg	7.92	2.14	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	3.96	0.301	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Arsenic, Total	2.70		mg/kg	0.792	0.165	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Barium, Total	113		mg/kg	0.792	0.138	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Beryllium, Total	0.230	J	mg/kg	0.396	0.026	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Cadmium, Total	0.610	J	mg/kg	0.792	0.078	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Calcium, Total	34700		mg/kg	7.92	2.77	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Chromium, Total	16.1		mg/kg	0.792	0.076	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Cobalt, Total	5.93		mg/kg	1.58	0.132	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Copper, Total	89.4		mg/kg	0.792	0.204	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Iron, Total	12000		mg/kg	3.96	0.715	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Lead, Total	202		mg/kg	3.96	0.212	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Magnesium, Total	21300		mg/kg	7.92	1.22	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Manganese, Total	224		mg/kg	0.792	0.126	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Mercury, Total	0.534		mg/kg	0.068	0.044	1	02/09/22 16:35	02/14/22 23:11	EPA 7471B	1,7471B	AC
Nickel, Total	11.1		mg/kg	1.98	0.192	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Potassium, Total	1940		mg/kg	198	11.4	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Selenium, Total	0.499	J	mg/kg	1.58	0.204	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.792	0.224	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Sodium, Total	495		mg/kg	158	2.50	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.58	0.250	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Vanadium, Total	21.5		mg/kg	0.792	0.161	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL
Zinc, Total	209		mg/kg	3.96	0.232	2	02/09/22 16:18	02/13/22 12:05	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03
Client ID: HA-02_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 10:45
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6200		mg/kg	8.11	2.19	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.06	0.308	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Arsenic, Total	0.454	J	mg/kg	0.811	0.169	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Barium, Total	45.1		mg/kg	0.811	0.141	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Beryllium, Total	0.251	J	mg/kg	0.406	0.027	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Cadmium, Total	0.276	J	mg/kg	0.811	0.080	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Calcium, Total	23200		mg/kg	8.11	2.84	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Chromium, Total	16.5		mg/kg	0.811	0.078	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Cobalt, Total	6.90		mg/kg	1.62	0.135	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Copper, Total	15.6		mg/kg	0.811	0.209	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Iron, Total	11900		mg/kg	4.06	0.732	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Lead, Total	8.83		mg/kg	4.06	0.217	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Magnesium, Total	16200		mg/kg	8.11	1.25	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Manganese, Total	213		mg/kg	0.811	0.129	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Mercury, Total	0.063	J	mg/kg	0.069	0.045	1	02/09/22 16:35	02/14/22 23:15	EPA 7471B	1,7471B	AC
Nickel, Total	12.8		mg/kg	2.03	0.196	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Potassium, Total	2540		mg/kg	203	11.7	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.62	0.209	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.811	0.230	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Sodium, Total	253		mg/kg	162	2.56	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.62	0.256	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Vanadium, Total	22.5		mg/kg	0.811	0.165	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL
Zinc, Total	43.4		mg/kg	4.06	0.238	2	02/09/22 16:18	02/13/22 12:10	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04
Client ID: HA-02_5-6
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 10:50
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6130		mg/kg	8.18	2.21	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Antimony, Total	0.417	J	mg/kg	4.09	0.311	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Arsenic, Total	3.38		mg/kg	0.818	0.170	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Barium, Total	143		mg/kg	0.818	0.142	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Beryllium, Total	0.270	J	mg/kg	0.409	0.027	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Cadmium, Total	0.638	J	mg/kg	0.818	0.080	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Calcium, Total	36000		mg/kg	8.18	2.86	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Chromium, Total	24.8		mg/kg	0.818	0.079	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Cobalt, Total	6.99		mg/kg	1.64	0.136	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Copper, Total	371		mg/kg	0.818	0.211	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Iron, Total	14100		mg/kg	4.09	0.739	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Lead, Total	189		mg/kg	4.09	0.219	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Magnesium, Total	20600		mg/kg	8.18	1.26	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Manganese, Total	249		mg/kg	0.818	0.130	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Mercury, Total	1.24		mg/kg	0.069	0.045	1	02/09/22 16:35	02/14/22 23:18	EPA 7471B	1,7471B	AC
Nickel, Total	11.8		mg/kg	2.04	0.198	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Potassium, Total	2180		mg/kg	204	11.8	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Selenium, Total	0.344	J	mg/kg	1.64	0.211	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Silver, Total	0.450	J	mg/kg	0.818	0.232	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Sodium, Total	336		mg/kg	164	2.58	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.64	0.258	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Vanadium, Total	21.3		mg/kg	0.818	0.166	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL
Zinc, Total	272		mg/kg	4.09	0.240	2	02/09/22 16:18	02/13/22 12:16	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05
Client ID: HA-03_0-1
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:43
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5260		mg/kg	8.17	2.21	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.09	0.310	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Arsenic, Total	0.458	J	mg/kg	0.817	0.170	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Barium, Total	34.7		mg/kg	0.817	0.142	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Beryllium, Total	0.327	J	mg/kg	0.409	0.027	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Cadmium, Total	0.237	J	mg/kg	0.817	0.080	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Calcium, Total	118000		mg/kg	81.7	28.6	20	02/09/22 16:18	02/13/22 14:37	EPA 3050B	1,6010D	DL
Chromium, Total	9.98		mg/kg	0.817	0.079	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Cobalt, Total	5.27		mg/kg	1.63	0.136	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Copper, Total	10.2		mg/kg	0.817	0.211	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Iron, Total	8670		mg/kg	4.09	0.738	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Lead, Total	3.47	J	mg/kg	4.09	0.219	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Magnesium, Total	41500		mg/kg	8.17	1.26	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Manganese, Total	236		mg/kg	0.817	0.130	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.087	0.057	1	02/09/22 16:35	02/14/22 23:21	EPA 7471B	1,7471B	AC
Nickel, Total	7.87		mg/kg	2.04	0.198	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Potassium, Total	1710		mg/kg	204	11.8	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Selenium, Total	0.515	J	mg/kg	1.63	0.211	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.817	0.231	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Sodium, Total	136	J	mg/kg	163	2.57	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.63	0.257	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Vanadium, Total	15.9		mg/kg	0.817	0.166	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL
Zinc, Total	35.0		mg/kg	4.09	0.239	2	02/09/22 16:18	02/13/22 13:08	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06
Client ID: HA-03_1-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 09:55
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4980		mg/kg	8.22	2.22	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.11	0.312	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Arsenic, Total	0.222	J	mg/kg	0.822	0.171	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Barium, Total	47.0		mg/kg	0.822	0.143	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Beryllium, Total	0.271	J	mg/kg	0.411	0.027	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Cadmium, Total	0.238	J	mg/kg	0.822	0.081	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Calcium, Total	91200		mg/kg	82.2	28.8	20	02/09/22 16:18	02/13/22 14:42	EPA 3050B	1,6010D	DL
Chromium, Total	9.76		mg/kg	0.822	0.079	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Cobalt, Total	5.73		mg/kg	1.64	0.136	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Copper, Total	10.8		mg/kg	0.822	0.212	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Iron, Total	9290		mg/kg	4.11	0.742	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Lead, Total	3.12	J	mg/kg	4.11	0.220	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Magnesium, Total	35400		mg/kg	8.22	1.26	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Manganese, Total	247		mg/kg	0.822	0.131	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.071	0.046	1	02/09/22 16:35	02/14/22 23:25	EPA 7471B	1,7471B	AC
Nickel, Total	9.45		mg/kg	2.06	0.199	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Potassium, Total	1870		mg/kg	206	11.8	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Selenium, Total	0.452	J	mg/kg	1.64	0.212	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.822	0.233	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Sodium, Total	131	J	mg/kg	164	2.59	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.64	0.259	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Vanadium, Total	16.9		mg/kg	0.822	0.167	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL
Zinc, Total	40.2		mg/kg	4.11	0.241	2	02/09/22 16:18	02/13/22 13:13	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07
Client ID: HA-04_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9180		mg/kg	8.49	2.29	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.24	0.322	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Arsenic, Total	1.10		mg/kg	0.849	0.176	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Barium, Total	79.0		mg/kg	0.849	0.148	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Beryllium, Total	0.170	J	mg/kg	0.424	0.028	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Cadmium, Total	0.441	J	mg/kg	0.849	0.083	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Calcium, Total	27300		mg/kg	8.49	2.97	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Chromium, Total	29.9		mg/kg	0.849	0.082	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Cobalt, Total	11.3		mg/kg	1.70	0.141	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Copper, Total	40.2		mg/kg	0.849	0.219	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Iron, Total	18500		mg/kg	4.24	0.766	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Lead, Total	15.1		mg/kg	4.24	0.228	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Magnesium, Total	19100		mg/kg	8.49	1.31	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Manganese, Total	200		mg/kg	0.849	0.135	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.074	0.048	1	02/09/22 16:35	02/14/22 23:35	EPA 7471B	1,7471B	AC
Nickel, Total	24.0		mg/kg	2.12	0.205	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Potassium, Total	3250		mg/kg	212	12.2	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.70	0.219	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.849	0.240	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Sodium, Total	98.3	J	mg/kg	170	2.67	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.70	0.267	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Vanadium, Total	47.7		mg/kg	0.849	0.172	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL
Zinc, Total	61.1		mg/kg	4.24	0.249	2	02/09/22 16:18	02/13/22 13:19	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08
Client ID: HA-04_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	15300		mg/kg	7.84	2.12	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	3.92	0.298	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Arsenic, Total	ND		mg/kg	0.784	0.163	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Barium, Total	206		mg/kg	0.784	0.136	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Beryllium, Total	0.063	J	mg/kg	0.392	0.026	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Cadmium, Total	0.627	J	mg/kg	0.784	0.077	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Calcium, Total	4460		mg/kg	7.84	2.74	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Chromium, Total	49.3		mg/kg	0.784	0.075	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Cobalt, Total	19.5		mg/kg	1.57	0.130	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Copper, Total	45.9		mg/kg	0.784	0.202	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Iron, Total	30400		mg/kg	3.92	0.708	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Lead, Total	7.92		mg/kg	3.92	0.210	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Magnesium, Total	11700		mg/kg	7.84	1.21	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Manganese, Total	198		mg/kg	0.784	0.125	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Mercury, Total	0.210		mg/kg	0.077	0.050	1	02/09/22 16:35	02/14/22 23:38	EPA 7471B	1,7471B	AC
Nickel, Total	37.7		mg/kg	1.96	0.190	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Potassium, Total	8990		mg/kg	196	11.3	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.57	0.202	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.784	0.222	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Sodium, Total	88.0	J	mg/kg	157	2.47	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.57	0.247	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Vanadium, Total	90.9		mg/kg	0.784	0.159	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL
Zinc, Total	74.9		mg/kg	3.92	0.230	2	02/09/22 16:18	02/13/22 14:05	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09
Client ID: HA-05_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 12:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5240		mg/kg	8.35	2.26	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.18	0.317	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Arsenic, Total	8.08		mg/kg	0.835	0.174	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Barium, Total	539		mg/kg	0.835	0.145	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Beryllium, Total	0.234	J	mg/kg	0.418	0.028	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Cadmium, Total	1.32		mg/kg	0.835	0.082	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Calcium, Total	47200		mg/kg	8.35	2.92	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Chromium, Total	48.0		mg/kg	0.835	0.080	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Cobalt, Total	5.60		mg/kg	1.67	0.139	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Copper, Total	45.8		mg/kg	0.835	0.216	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Iron, Total	10900		mg/kg	4.18	0.754	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Lead, Total	1150		mg/kg	4.18	0.224	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Magnesium, Total	6500		mg/kg	8.35	1.29	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Manganese, Total	194		mg/kg	0.835	0.133	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Mercury, Total	0.289		mg/kg	0.078	0.051	1	02/09/22 16:35	02/14/22 23:41	EPA 7471B	1,7471B	AC
Nickel, Total	12.3		mg/kg	2.09	0.202	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Potassium, Total	1530		mg/kg	209	12.0	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Selenium, Total	0.652	J	mg/kg	1.67	0.216	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.835	0.236	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Sodium, Total	499		mg/kg	167	2.63	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.67	0.263	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Vanadium, Total	27.4		mg/kg	0.835	0.170	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL
Zinc, Total	661		mg/kg	4.18	0.245	2	02/09/22 16:18	02/13/22 14:10	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10
Client ID: HA-05_8-10
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:00
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4510		mg/kg	8.59	2.32	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.30	0.326	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Arsenic, Total	4.96		mg/kg	0.859	0.179	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Barium, Total	646		mg/kg	0.859	0.150	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Beryllium, Total	0.172	J	mg/kg	0.430	0.028	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Cadmium, Total	2.78		mg/kg	0.859	0.084	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Calcium, Total	46700		mg/kg	8.59	3.01	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Chromium, Total	28.3		mg/kg	0.859	0.083	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Cobalt, Total	6.27		mg/kg	1.72	0.143	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Copper, Total	29.9		mg/kg	0.859	0.222	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Iron, Total	15300		mg/kg	4.30	0.776	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Lead, Total	856		mg/kg	4.30	0.230	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Magnesium, Total	6380		mg/kg	8.59	1.32	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Manganese, Total	235		mg/kg	0.859	0.137	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Mercury, Total	0.621		mg/kg	0.072	0.047	1	02/09/22 16:35	02/14/22 23:44	EPA 7471B	1,7471B	AC
Nickel, Total	14.4		mg/kg	2.15	0.208	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Potassium, Total	1950		mg/kg	215	12.4	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.859	0.243	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Sodium, Total	316		mg/kg	172	2.71	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.72	0.271	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Vanadium, Total	22.1		mg/kg	0.859	0.174	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL
Zinc, Total	1170		mg/kg	4.30	0.252	2	02/09/22 16:18	02/13/22 14:15	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11
Client ID: HA-06_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 11:15
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4600		mg/kg	7.97	2.15	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Antimony, Total	8.90		mg/kg	3.98	0.303	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Arsenic, Total	5.71		mg/kg	0.797	0.166	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Barium, Total	225		mg/kg	0.797	0.139	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Beryllium, Total	0.215	J	mg/kg	0.398	0.026	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Cadmium, Total	1.09		mg/kg	0.797	0.078	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Calcium, Total	36300		mg/kg	7.97	2.79	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Chromium, Total	14.1		mg/kg	0.797	0.077	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Cobalt, Total	5.90		mg/kg	1.59	0.132	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Copper, Total	44.9		mg/kg	0.797	0.206	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Iron, Total	28000		mg/kg	3.98	0.720	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Lead, Total	23400		mg/kg	39.8	2.14	20	02/09/22 16:18	02/13/22 16:14	EPA 3050B	1,6010D	DL
Magnesium, Total	20200		mg/kg	7.97	1.23	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Manganese, Total	311		mg/kg	0.797	0.127	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Mercury, Total	0.706		mg/kg	0.080	0.052	1	02/09/22 16:35	02/14/22 23:48	EPA 7471B	1,7471B	AC
Nickel, Total	10.9		mg/kg	1.99	0.193	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Potassium, Total	1600		mg/kg	199	11.5	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.59	0.206	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Silver, Total	0.470	J	mg/kg	0.797	0.226	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Sodium, Total	147	J	mg/kg	159	2.51	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.59	0.251	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Vanadium, Total	17.6		mg/kg	0.797	0.162	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL
Zinc, Total	210		mg/kg	3.98	0.234	2	02/09/22 16:18	02/13/22 14:21	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12
Client ID: HA-06_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 11:25
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5920		mg/kg	8.08	2.18	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Antimony, Total	ND		mg/kg	4.04	0.307	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Arsenic, Total	0.218	J	mg/kg	0.808	0.168	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Barium, Total	43.7		mg/kg	0.808	0.141	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Beryllium, Total	0.283	J	mg/kg	0.404	0.027	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Cadmium, Total	0.291	J	mg/kg	0.808	0.079	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Calcium, Total	48100		mg/kg	8.08	2.83	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Chromium, Total	14.4		mg/kg	0.808	0.078	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Cobalt, Total	7.36		mg/kg	1.62	0.134	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Copper, Total	12.3		mg/kg	0.808	0.209	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Iron, Total	11700		mg/kg	4.04	0.730	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Lead, Total	5.04		mg/kg	4.04	0.217	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Magnesium, Total	26600		mg/kg	8.08	1.24	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Manganese, Total	203		mg/kg	0.808	0.128	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Mercury, Total	ND		mg/kg	0.069	0.045	1	02/09/22 16:35	02/14/22 23:51	EPA 7471B	1,7471B	AC
Nickel, Total	12.8		mg/kg	2.02	0.196	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Potassium, Total	2570		mg/kg	202	11.6	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Selenium, Total	ND		mg/kg	1.62	0.209	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.808	0.229	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Sodium, Total	126	J	mg/kg	162	2.55	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.62	0.255	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Vanadium, Total	22.4		mg/kg	0.808	0.164	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL
Zinc, Total	47.1		mg/kg	4.04	0.237	2	02/09/22 16:18	02/13/22 14:26	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Lab Number: L2206632
Project Number: 0204520
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13
Client ID: SS-01_0-0.5
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Date Collected: 02/08/22 13:40
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5710		mg/kg	9.29	2.51	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Antimony, Total	0.864	J	mg/kg	4.65	0.353	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Arsenic, Total	16.1		mg/kg	0.929	0.193	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Barium, Total	142		mg/kg	0.929	0.162	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Beryllium, Total	0.511		mg/kg	0.465	0.031	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Cadmium, Total	1.93		mg/kg	0.929	0.091	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Calcium, Total	105000		mg/kg	92.9	32.5	20	02/09/22 16:18	02/13/22 16:19	EPA 3050B	1,6010D	DL
Chromium, Total	184		mg/kg	0.929	0.089	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Cobalt, Total	6.07		mg/kg	1.86	0.154	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Copper, Total	264		mg/kg	0.929	0.240	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Iron, Total	23200		mg/kg	4.65	0.839	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Lead, Total	203		mg/kg	4.65	0.249	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Magnesium, Total	25900		mg/kg	9.29	1.43	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Manganese, Total	319		mg/kg	0.929	0.148	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Mercury, Total	0.977		mg/kg	0.084	0.055	1	02/09/22 16:35	02/14/22 23:54	EPA 7471B	1,7471B	AC
Nickel, Total	15.0		mg/kg	2.32	0.225	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Potassium, Total	1480		mg/kg	232	13.4	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Selenium, Total	1.68	J	mg/kg	1.86	0.240	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Silver, Total	ND		mg/kg	0.929	0.263	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Sodium, Total	537		mg/kg	186	2.93	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Thallium, Total	ND		mg/kg	1.86	0.293	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Vanadium, Total	22.5		mg/kg	0.929	0.189	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL
Zinc, Total	419		mg/kg	4.65	0.272	2	02/09/22 16:18	02/13/22 14:32	EPA 3050B	1,6010D	DL

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

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): 01-13 Batch: WG1603067-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Barium, Total	ND		mg/kg	0.400	0.070	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Copper, Total	ND		mg/kg	0.400	0.103	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Iron, Total	ND		mg/kg	2.00	0.361	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Lead, Total	ND		mg/kg	2.00	0.107	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Potassium, Total	ND		mg/kg	100	5.76	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Silver, Total	ND		mg/kg	0.400	0.113	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Sodium, Total	3.21	J	mg/kg	80.0	1.26	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/09/22 16:18	02/13/22 11:55	1,6010D	DL

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-13 Batch: WG1603068-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	02/09/22 16:35	02/14/22 22:45	1,7471B	AC

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1603067-2 SRM Lot Number: D113-540								
Aluminum, Total	67		-		51-149	-		
Antimony, Total	193		-		20-250	-		
Arsenic, Total	110		-		70-130	-		
Barium, Total	101		-		75-125	-		
Beryllium, Total	109		-		75-125	-		
Cadmium, Total	108		-		75-125	-		
Calcium, Total	100		-		73-128	-		
Chromium, Total	106		-		70-130	-		
Cobalt, Total	105		-		75-125	-		
Copper, Total	104		-		75-125	-		
Iron, Total	102		-		36-164	-		
Lead, Total	106		-		72-128	-		
Magnesium, Total	88		-		63-138	-		
Manganese, Total	102		-		77-123	-		
Nickel, Total	105		-		70-130	-		
Potassium, Total	85		-		59-141	-		
Selenium, Total	110		-		66-134	-		
Silver, Total	106		-		70-131	-		
Sodium, Total	97		-		35-164	-		
Thallium, Total	108		-		70-130	-		
Vanadium, Total	102		-		74-126	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1603067-2 SRM Lot Number: D113-540					
Zinc, Total	101	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-13 Batch: WG1603068-2 SRM Lot Number: D113-540					
Mercury, Total	110	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

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): 01-13 QC Batch ID: WG1603067-3 QC Sample: L2206632-01 Client ID: HA-01_0-2												
Aluminum, Total	6070	158	6160	**57**	Q	-	-		75-125	-		20
Antimony, Total	ND	39.6	34.1	86		-	-		75-125	-		20
Arsenic, Total	3.29	9.49	12.9	101		-	-		75-125	-		20
Barium, Total	142	158	324	115		-	-		75-125	-		20
Beryllium, Total	0.240J	3.96	3.48	88		-	-		75-125	-		20
Cadmium, Total	0.776J	4.19	4.21	100		-	-		75-125	-		20
Calcium, Total	38700	791	36400	**0**	Q	-	-		75-125	-		20
Chromium, Total	18.4	15.8	29.6	**71**	Q	-	-		75-125	-		20
Cobalt, Total	6.34	39.6	36.0	75		-	-		75-125	-		20
Copper, Total	102	19.8	118	81		-	-		75-125	-		20
Iron, Total	13100	79.1	14600	**1900**	Q	-	-		75-125	-		20
Lead, Total	282	41.9	350	**162**	Q	-	-		75-125	-		20
Magnesium, Total	20000	791	22400	**303**	Q	-	-		75-125	-		20
Manganese, Total	237	39.6	288	**129**	Q	-	-		75-125	-		20
Nickel, Total	11.6	39.6	41.6	76		-	-		75-125	-		20
Potassium, Total	2180	791	3010	105		-	-		75-125	-		20
Selenium, Total	0.352J	9.49	9.23	97		-	-		75-125	-		20
Silver, Total	ND	23.7	22.1	93		-	-		75-125	-		20
Sodium, Total	392	791	1090	88		-	-		75-125	-		20
Thallium, Total	ND	9.49	6.38	**67**	Q	-	-		75-125	-		20
Vanadium, Total	20.8	39.6	55.5	88		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

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): 01-13 QC Batch ID: WG1603067-3 QC Sample: L2206632-01 Client ID: HA-01_0-2										
Zinc, Total	269	39.6	309	101		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1603068-3 QC Sample: L2206632-01 Client ID: HA-01_0-2										
Mercury, Total	0.705	0.155	0.704	**0**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1603067-4 QC Sample: L2206632-01 Client ID: HA-01_0-2						
Aluminum, Total	6070	5720	mg/kg	6		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	3.29	3.75	mg/kg	13		20
Barium, Total	142	135	mg/kg	5		20
Beryllium, Total	0.240J	0.231J	mg/kg	NC		20
Cadmium, Total	0.776J	0.804	mg/kg	NC		20
Calcium, Total	38700	39100	mg/kg	1		20
Chromium, Total	18.4	16.6	mg/kg	10		20
Cobalt, Total	6.34	6.35	mg/kg	0		20
Copper, Total	102	94.4	mg/kg	8		20
Iron, Total	13100	14300	mg/kg	9		20
Lead, Total	282	252	mg/kg	11		20
Magnesium, Total	20000	22800	mg/kg	13		20
Manganese, Total	237	258	mg/kg	8		20
Nickel, Total	11.6	11.8	mg/kg	2		20
Potassium, Total	2180	2170	mg/kg	0		20
Selenium, Total	0.352J	0.526J	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	392	314	mg/kg	**22**	Q	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1603067-4 QC Sample: L2206632-01 Client ID: HA-01_0-2					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	20.8	22.2	mg/kg	7	20
Zinc, Total	269	270	mg/kg	0	20
Total Metals - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1603068-4 QC Sample: L2206632-01 Client ID: HA-01_0-2					
Mercury, Total	0.705	0.574	mg/kg	20	20

INORGANICS
&
MISCELLANEOUS

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-01
Client ID: HA-01_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 09:13
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.4		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-02
Client ID: HA-01_6-8
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 09:23
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.2		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-03
Client ID: HA-02_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 10:45
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-04
Client ID: HA-02_5-6
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 10:50
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.8		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-05
Client ID: HA-03_0-1
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 09:43
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-06
Client ID: HA-03_1-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 09:55
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-07
Client ID: HA-04_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 13:15
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-08
Client ID: HA-04_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 13:25
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.0		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-09
Client ID: HA-05_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 12:40
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.8		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-10
Client ID: HA-05_8-10
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 13:00
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-11
Client ID: HA-06_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 11:15
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-12
Client ID: HA-06_3-4
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 11:25
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	02/09/22 08:26	121,2540G	RI

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2206632
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206632-13
Client ID: SS-01_0-0.5
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 02/08/22 13:40
Date Received: 02/08/22
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	02/10/22 13:30	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2206632

Report Date: 02/15/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1602929-1 QC Sample: L2206520-01 Client ID: DUP Sample						
Solids, Total	81.4	83.7	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 13 QC Batch ID: WG1603630-1 QC Sample: L2206742-02 Client ID: DUP Sample						
Solids, Total	79.7	80.8	%	1		20

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

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(*)
L2206632-01A	Vial MeOH preserved	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2206632-01B	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-01C	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-01D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2206632-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2206632-01F	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-02A	Vial MeOH preserved	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2206632-02B	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-02C	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-02D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2206632-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2206632-02F	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-03A	Vial MeOH preserved	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2206632-03B	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-03C	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-03D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206632-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2206632-03F	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-04A	Vial MeOH preserved	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2206632-04B	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-04C	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-04D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2206632-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),MN-TI(180),FE-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2206632-04F	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-05A	Vial MeOH preserved	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2206632-05B	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-05C	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-05D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2206632-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2206632-05F	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-06A	Vial MeOH preserved	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2206632-06B	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-06C	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-06D	Plastic 120ml unpreserved	A	NA		5.3	Y	Absent		TS(7)
L2206632-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206632-06F	Glass 250ml/8oz unpreserved	A	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-07A	Vial MeOH preserved	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2206632-07B	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-07C	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-07D	Plastic 120ml unpreserved	A	NA		5.3	Y	Absent		TS(7)
L2206632-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2206632-07F	Glass 250ml/8oz unpreserved	A	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-08A	Vial MeOH preserved	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2206632-08B	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-08C	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-08D	Plastic 120ml unpreserved	A	NA		5.3	Y	Absent		TS(7)
L2206632-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2206632-08F	Glass 250ml/8oz unpreserved	A	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-09A	Vial MeOH preserved	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2206632-09B	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-09C	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-09D	Plastic 120ml unpreserved	A	NA		5.3	Y	Absent		TS(7)
L2206632-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2206632-09F	Glass 250ml/8oz unpreserved	A	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-10A	Vial MeOH preserved	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2206632-10B	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206632-10C	Vial water preserved	A	NA		5.3	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-10D	Plastic 120ml unpreserved	A	NA		5.3	Y	Absent		TS(7)
L2206632-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2206632-10F	Glass 250ml/8oz unpreserved	A	NA		5.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-11A	Vial MeOH preserved	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2206632-11B	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-11C	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-11D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2206632-11E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),CD-TI(180),NA-TI(180),K-TI(180)
L2206632-11F	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-12A	Vial MeOH preserved	B	NA		2.8	Y	Absent		NYTCL-8260HLW(14)
L2206632-12B	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-12C	Vial water preserved	B	NA		2.8	Y	Absent	09-FEB-22 00:33	NYTCL-8260HLW(14)
L2206632-12D	Plastic 120ml unpreserved	B	NA		2.8	Y	Absent		TS(7)
L2206632-12E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),HG-T(28),FE-TI(180),MN-TI(180),NA-TI(180),K-TI(180),CD-TI(180),CA-TI(180)
L2206632-12F	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		NYTCL-8270(14),NYTCL-8082(365)
L2206632-13A	5 gram Encore Sampler	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2206632-13B	5 gram Encore Sampler	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2206632-13C	5 gram Encore Sampler	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2206632
Report Date: 02/15/22

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206632-13D	Plastic 2oz unpreserved for TS	A	NA		5.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2206632-13E	Glass 500ml/16oz unpreserved	A	NA		5.3	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(365)
L2206632-13X	Vial MeOH preserved split	A	NA		5.3	Y	Absent		NYTCL-8260HLW(14)
L2206632-13Y	Vial Water preserved split	A	NA		5.3	Y	Absent	09-FEB-22 04:24	NYTCL-8260HLW(14)
L2206632-13Z	Vial Water preserved split	A	NA		5.3	Y	Absent	09-FEB-22 04:24	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	91 BRUCKNER	**Lab Number:**	L2206632
Project Number:	0204520	**Report Date:**	02/15/22

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:	91 BRUCKNER	**Lab Number:**	L2206632
Project Number:	0204520	**Report Date:**	02/15/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	91 BRUCKNER	**Lab Number:**	L2206632
Project Number:	0204520	**Report Date:**	02/15/22

Data Qualifiers

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

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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:	91 BRUCKNER	**Lab Number:**	L2206632
Project Number:	0204520	**Report Date:**	02/15/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
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Page 1 of 2

Date Rec'd in Lab: 2/8/22

ALPHA Job #: L2206032

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: 91 Bruckner
Project Location: 91 Bruckner Blvd. Bronx. NY
Project #: 0204520
(Use Project name as Project #) [X]
Project Manager: Emily Snead
ALPHAQuote #:

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Client Information

Client: Haley & Aldrich of NY
Address: 237 West. 35th street Floor 16 New York NY 10123
Phone: 508.918.8358
Fax: Eschauerman@haleyaldrich.com
Email: Esnead@haleyaldrich.com

Deliverables

[ ] ASP-A [ ] ASP-B
[ ] EQuIS (1 File) [ ] EQuIS (4 File)
[X] Other PDF + Excel

Regulatory Requirement

[ ] NY TOGS [X] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [ ] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information

[X] Same as Client Info
PO # 0204520

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please specify Metals or TAL.

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	SVOCs	Total TAL Metals	PCBs					Sample Specific Comments	Total Bottles
06032-01	HA-01_0-2	2/8/22	9:13	Soil	YL	X	X	X	X						5
02	HA-01_6-8	2/8/22	9:23	Soil	YL	X	X	X	X						5
03	HA-02-0-2	2/8/22	10:45	Soil	YL	X	X	X	X						5
04	HA-02_5-6	2/8/22	10:50	Soil	YL	X	X	X	X						5
05	HA-03_0-1	2/8/22	9:43	Soil	YL	X	X	X	X						5
06	HA-03_1-2	2/8/22	9:55	Soil	YL	X	X	X	X						5
07	HA-04_0-2	2/8/22	13:15	Soil	YL	X	X	X	X						5
08	HA-04_3-4	2/8/22	13:25	Soil	YL	X	X	X	X						5
09	HA-05_0-2	2/8/22	12:40	Soil	YL	X	X	X	X						5
10	HA-05_8-10	2/8/22	13:00	Soil	YL	X	X	X	X						5
					Container Type	V	A	A	A						
					Preservative	F	A	A	A						

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	2/8/22 1550	[signature]	2/8/22 1550
[signature]	2/8/22 1755	[signature] AAL	2/8 1800
[signature] AAL	2/8	[signature]	2/8/22 2200

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 — 2 of 2

Date Rec'd in Lab: 2/8/22

ALPHA Job #: L2206032

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

Project Information
Project Name: 91 Bruckner
Project Location: 91 Bruckner Blvd. Bronx NY
Project #: 0204520
(Use Project name as Project #) ☐
Project Manager: Emily Snead
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: Haley & Aldrich of NY
Address: 237 West 35th Street Floor 16. New York NY 10123
Phone: 508.918.8558
Fax: Escheuermann@haleyaldrich.com
Email: Esnead@haleyaldrich.com

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other PDF + Excel

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO # 0204520

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:
SS-01_0-0.5 has 3 EnCore for VOC. One Jar for other analysis.

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs	SVOCs	Total TAL Metals	PCBs					Sample Specific Comments	Total Bottles
06032-11	HA-06-0-2	2/8/22	11:15	Soil	YL	X	X	X	X						5
12	HA-06-3-4	2/8/22	11:25	Soil	YL	X	X	X	X						5
13	SS-01-0-0.5	2/8/22	13:40	Soil	YL	X	X	X	X						5
	~~TB-01-20220208~~	~~2/8/22~~			~~YL~~	~~X~~									
				Container Type		V	A	A	A						
				Preservative		F	A	A	A						

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Yannaphin	2/8/22 1550	Grace [signature]	2/8/22 1550
Grace [signature]	2/8/22 1755	H&A AAL	2/8 1800
H&A AAL	2/8	Kevin [signature]	2/8/22 2200

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:	L2206613
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Emily Snead
Phone:	(646) 277-5685
Project Name:	91 BRACKNER
Project Number:	0204520
Report Date:	02/15/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: 91 BRACKNER
Project Number: 0204520

Lab Number: L2206613
Report Date: 02/15/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2206613-01	SS-01_20220208	SOIL_VAPOR	91 BRACKNER BLVD. BRONX, NY	02/08/22 12:20	02/08/22
L2206613-02	SS-02_20220208	SOIL_VAPOR	91 BRACKNER BLVD. BRONX, NY	02/08/22 13:23	02/08/22

Project Name:	91 BRACKNER	**Lab Number:**	L2206613
Project Number:	0204520	**Report Date:**	02/15/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	91 BRACKNER	**Lab Number:**	L2206613
Project Number:	0204520	**Report Date:**	02/15/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 8, 2022. The canister certification results are provided as an addendum.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 02/15/22

AIR

Project Name: 91 BRACKNER
Project Number: 0204520
Lab Number: L2206613
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206613-01
Client ID: SS-01_20220208
Sample Location: 91 BRACKNER BLVD. BRONX, NY

Date Collected: 02/08/22 12:20
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/13/22 20:08
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.513	0.200	--	2.54	0.989	--		1
Chloromethane	0.318	0.200	--	0.657	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.00	1.00	--	7.13	2.38	--		1
Trichlorofluoromethane	0.256	0.200	--	1.44	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.61	0.200	--	5.01	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 91 BRACKNER
Project Number: 0204520

Lab Number: L2206613
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206613-01
Client ID: SS-01_20220208
Sample Location: 91 BRACKNER BLVD. BRONX, NY

Date Collected: 02/08/22 12:20
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.14	0.200	--	4.02	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.474	0.200	--	1.51	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.380	0.200	--	1.31	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.325	0.200	--	1.75	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.618	0.200	--	2.53	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	14.9	0.200	--	56.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	50.6	0.200	--	343	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.71	0.200	--	11.8	0.869	--		1

Project Name: 91 BRACKNER
Project Number: 0204520
Lab Number: L2206613
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206613-01
Client ID: SS-01_20220208
Sample Location: 91 BRACKNER BLVD. BRONX, NY

Date Collected: 02/08/22 12:20
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	11.8	0.400	--	51.3	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.905	0.200	--	3.85	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	4.32	0.200	--	18.8	0.869	--		1
4-Ethyltoluene	1.60	0.200	--	7.87	0.983	--		1
1,3,5-Trimethylbenzene	2.16	0.200	--	10.6	0.983	--		1
1,2,4-Trimethylbenzene	7.82	0.200	--	38.4	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	97		60-140

Project Name: 91 BRACKNER
Project Number: 0204520
Lab Number: L2206613
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206613-02
Client ID: SS-02_20220208
Sample Location: 91 BRACKNER BLVD. BRONX, NY

Date Collected: 02/08/22 13:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 02/13/22 20:46
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.499	0.200	--	2.47	0.989	--		1
Chloromethane	0.438	0.200	--	0.904	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	6.26	5.00	--	11.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	18.1	1.00	--	43.0	2.38	--		1
Trichlorofluoromethane	0.268	0.200	--	1.51	1.12	--		1
Isopropanol	2.57	0.500	--	6.32	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	1.48	0.500	--	5.14	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 91 BRACKNER
Project Number: 0204520

Lab Number: L2206613
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206613-02
Client ID: SS-02_20220208
Sample Location: 91 BRACKNER BLVD. BRONX, NY

Date Collected: 02/08/22 13:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.61	0.200	--	9.20	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.358	0.200	--	1.14	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.260	0.200	--	0.895	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.382	0.200	--	1.57	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	10.6	0.200	--	39.9	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.74	0.200	--	7.56	0.869	--		1

Project Name: 91 BRACKNER
Project Number: 0204520
Lab Number: L2206613
Report Date: 02/15/22

SAMPLE RESULTS

Lab ID: L2206613-02
Client ID: SS-02_20220208
Sample Location: 91 BRACKNER BLVD. BRONX, NY

Date Collected: 02/08/22 13:23
Date Received: 02/08/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	7.84	0.400	--	34.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.572	0.200	--	2.44	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.88	0.200	--	12.5	0.869	--		1
4-Ethyltoluene	1.27	0.200	--	6.24	0.983	--		1
1,3,5-Trimethylbenzene	1.40	0.200	--	6.88	0.983	--		1
1,2,4-Trimethylbenzene	5.80	0.200	--	28.5	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	98		60-140

Project Name: 91 BRACKNER
Project Number: 0204520
Lab Number: L2206613
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/13/22 14:38

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1604479-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 91 BRACKNER
Project Number: 0204520
Lab Number: L2206613
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/13/22 14:38

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1604479-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 91 BRACKNER
Project Number: 0204520
Lab Number: L2206613
Report Date: 02/15/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 02/13/22 14:38

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1604479-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 91 BRACKNER
Project Number: 0204520

Lab Number: L2206613
Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1604479-3								
Dichlorodifluoromethane	95		-		70-130	-		
Chloromethane	90		-		70-130	-		
Freon-114	95		-		70-130	-		
Vinyl chloride	81		-		70-130	-		
1,3-Butadiene	87		-		70-130	-		
Bromomethane	83		-		70-130	-		
Chloroethane	82		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	91		-		70-130	-		
Acetone	112		-		40-160	-		
Trichlorofluoromethane	97		-		70-130	-		
Isopropanol	104		-		40-160	-		
1,1-Dichloroethene	87		-		70-130	-		
Tertiary butyl Alcohol	78		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	109		-		70-130	-		
Carbon disulfide	116		-		70-130	-		
Freon-113	113		-		70-130	-		
trans-1,2-Dichloroethene	92		-		70-130	-		
1,1-Dichloroethane	102		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
2-Butanone	100		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 91 BRACKNER
Project Number: 0204520

Lab Number: L2206613
Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1604479-3								
Ethyl Acetate	95		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
1,2-Dichloroethane	104		-		70-130	-		
n-Hexane	81		-		70-130	-		
1,1,1-Trichloroethane	102		-		70-130	-		
Benzene	81		-		70-130	-		
Carbon tetrachloride	103		-		70-130	-		
Cyclohexane	79		-		70-130	-		
1,2-Dichloropropane	91		-		70-130	-		
Bromodichloromethane	92		-		70-130	-		
1,4-Dioxane	82		-		70-130	-		
Trichloroethene	87		-		70-130	-		
2,2,4-Trimethylpentane	83		-		70-130	-		
Heptane	95		-		70-130	-		
cis-1,3-Dichloropropene	97		-		70-130	-		
4-Methyl-2-pentanone	95		-		70-130	-		
trans-1,3-Dichloropropene	87		-		70-130	-		
1,1,2-Trichloroethane	94		-		70-130	-		
Toluene	86		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	110		-		70-130	-		
1,2-Dibromoethane	107		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRACKNER

Project Number: 0204520

Lab Number: L2206613

Report Date: 02/15/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1604479-3								
Tetrachloroethene	95		-		70-130	-		
Chlorobenzene	102		-		70-130	-		
Ethylbenzene	97		-		70-130	-		
p/m-Xylene	100		-		70-130	-		
Bromoform	113		-		70-130	-		
Styrene	108		-		70-130	-		
1,1,2,2-Tetrachloroethane	93		-		70-130	-		
o-Xylene	101		-		70-130	-		
4-Ethyltoluene	110		-		70-130	-		
1,3,5-Trimethylbenzene	110		-		70-130	-		
1,2,4-Trimethylbenzene	113		-		70-130	-		
Benzyl chloride	99		-		70-130	-		
1,3-Dichlorobenzene	111		-		70-130	-		
1,4-Dichlorobenzene	110		-		70-130	-		
1,2-Dichlorobenzene	110		-		70-130	-		
1,2,4-Trichlorobenzene	109		-		70-130	-		
Hexachlorobutadiene	105		-		70-130	-		

Project Name: 91 BRACKNER

Lab Number: L2206613

Project Number: 0204520

Report Date: 02/15/22

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2206613-01	SS-01_20220208	01343	SV20	02/08/22	378195		-	-	-	Pass	17.4	17.0	2
L2206613-01	SS-01_20220208	2205	2.7L Can	02/08/22	378195	L2205085-01	Pass	-30.0	-5.3	-	-	-	-
L2206613-02	SS-02_20220208	01873	SV20	02/08/22	378195		-	-	-	Pass	18.9	18.9	0
L2206613-02	SS-02_20220208	3442	2.7L Can	02/08/22	378195	L2205085-01	Pass	-30.0	-1.6	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2205085
Report Date: 02/15/22

Air Canister Certification Results

Lab ID: L2205085-01
Client ID: CAN 195 SHELF 1
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/02/22 01:31
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/15/22

Air Canister Certification Results

Lab ID: L2205085-01
Client ID: CAN 195 SHELF 1
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/15/22

Air Canister Certification Results

Lab ID: L2205085-01
Client ID: CAN 195 SHELF 1
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/15/22

Air Canister Certification Results

Lab ID: L2205085-01
Client ID: CAN 195 SHELF 1
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2205085
Report Date: 02/15/22

Air Canister Certification Results

Lab ID: L2205085-01
Client ID: CAN 195 SHELF 1
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	83		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2205085
Report Date: 02/15/22

Air Canister Certification Results

Lab ID: L2205085-01
Client ID: CAN 195 SHELF 1
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/02/22 01:31
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2205085
Report Date: 02/15/22

Air Canister Certification Results

Lab ID: L2205085-01
Client ID: CAN 195 SHELF 1
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2205085
Report Date: 02/15/22

Air Canister Certification Results

Lab ID: L2205085-01
Client ID: CAN 195 SHELF 1
Sample Location:

Date Collected: 01/31/22 17:00
Date Received: 02/01/22
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	82		60-140
chlorobenzene-d5	96		60-140

Project Name: 91 BRACKNER
Project Number: 0204520

Lab Number: L2206613
Report Date: 02/15/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2206613-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2206613-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	91 BRACKNER	**Lab Number:**	L2206613
Project Number:	0204520	**Report Date:**	02/15/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	91 BRACKNER	**Lab Number:**	L2206613
Project Number:	0204520	**Report Date:**	02/15/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	91 BRACKNER	**Lab Number:**	L2206613
Project Number:	0204520	**Report Date:**	02/15/22

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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.)

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:02152215:23

AIR ANALYSIS

ALPHA ANALYTICAL

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 2-9-22

ALPHA Job #: L2206613

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Project Information

Project Name: 91 Bruckner

Project Location: 91 Bruckner Blvd. Bronx NY

Project #: ~~0204502~~ 0204520

Project Manager: Emily Snead

ALPHA Quote #:

Report Information - Data Deliverables

- ☐ FAX
- ☐ ADEx
  - Criteria Checker:
  - (Default based on Regulatory Criteria Indicated)
  - Other Formats:
- ☒ EMAIL (standard pdf report)
- ☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info

PO #: ~~204502~~ 0204520

Client Information

Client: Haley and Aldrich of NY

Address: 237 West 35th street, Floor 16
New York, NY 10123

Phone: 508.918.8558

Fax: EScheuerman@haleyaldrich.com

Email: ESnead@haleyaldrich.com

☐ These samples have been previously analyzed by Alpha

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS: TO-15	TO-15 SIM	APH ☐ Subtract Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
06613-01	SS-01_20220208	2/8/22	10:13	12:20	-29.92	-7.48	SV	YL	6L	2205	01343	X					
02	SS-02_20220208	2/8/22	11:05	13:23	-30.12	-3.95	SV	YL	6L	3442	01873	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
Tanya Lin	2/8/22 15:50	[signature]	2/8/22 1550
[signature]	2/8/22 1755	Anthony Green	2/8/22 2000
Anthony Green	2/8/22	[signature] AAL	2/9/22 2355
[signature] AAL	2/9/22 0025	[signature]	2/9/22 0025

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2209449
Client:	Haley & Aldrich 237 West 35th Street 16th Floor New York, NY 10123
ATTN:	Emily Snead
Phone:	(646) 277-5685
Project Name:	91 BRUCKNER
Project Number:	0204520
Report Date:	03/01/22

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2209449
Report Date: 03/01/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2209449-01	HA-06_0-2	SOIL	91 BRUCKNER BLVD, BRONX, NY	02/08/22 11:15	02/08/22

Project Name:	91 BRUCKNER	**Lab Number:**	L2209449
Project Number:	0204520	**Report Date:**	03/01/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	91 BRUCKNER	**Lab Number:**	L2209449
Project Number:	0204520	**Report Date:**	03/01/22

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.

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: 03/01/22

METALS

Project Name: 91 BRUCKNER
Lab Number: L2209449
Project Number: 0204520
Report Date: 03/01/22

SAMPLE RESULTS

Lab ID: L2209449-01
Client ID: HA-06_0-2
Sample Location: 91 BRUCKNER BLVD, BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/08/22 11:15
Date Received: 02/08/22
Field Prep: Not Specified
TCLP/SPLP Ext. Date: 02/22/22 21:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Lead, TCLP	13.4		mg/l	0.500	0.027	1	02/28/22 12:07	03/01/22 14:32	EPA 3015	1,6010D	MC

Project Name: 91 BRUCKNER
Project Number: 0204520
Lab Number: L2209449
Report Date: 03/01/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1609615-1										
Lead, TCLP	ND		mg/l	0.500	0.027	1	02/28/22 12:07	03/01/22 12:45	1,6010D	GD

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 02/21/22 22:13

Lab Control Sample Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2209449

Report Date: 03/01/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1609615-2								
Lead, TCLP	90		-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2209449
Report Date: 03/01/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1609615-3 QC Sample: L2209387-02 Client ID: MS Sample												
Lead, TCLP	ND	5.3	4.76	90		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 91 BRUCKNER

Project Number: 0204520

Lab Number: L2209449

Report Date: 03/01/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1609615-4 QC Sample: L2209387-02 Client ID: DUP Sample						
Lead, TCLP	ND	ND	mg/l	NC		20

Project Name: 91 BRUCKNER
Project Number: 0204520

Lab Number: L2209449
Report Date: 03/01/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2209449-01F	Glass 250ml/8oz unpreserved	B	NA		2.8	Y	Absent		-
L2209449-01X	Plastic 120ml HNO3 preserved Extracts	B	NA		2.8	Y	Absent		PB-CI(180)
L2209449-01X9	Tumble Vessel	B	NA		2.8	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name:	91 BRUCKNER	**Lab Number:**	L2209449
Project Number:	0204520	**Report Date:**	03/01/22

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:	91 BRUCKNER	**Lab Number:**	L2209449
Project Number:	0204520	**Report Date:**	03/01/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	91 BRUCKNER	**Lab Number:**	L2209449
Project Number:	0204520	**Report Date:**	03/01/22

Data Qualifiers

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

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	91 BRUCKNER	**Lab Number:**	L2209449
Project Number:	0204520	**Report Date:**	03/01/22

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 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2209449 KL 2/22/22

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 2/8/22

ALPHA Job #: ~~L2209032~~

Client Information
Client: Haley & Aldrich of NY
Address: 237 West 35th Street Floor 16. New York NY 10123
Phone: 508.918.8558
Fax: Eschevermann@haleyaldrich.com
Email: Eswed@haleyaldrich.com

Project Information
Project Name: 91 Bruckner
Project Location: 91 Bruckner Blvd. Bronx. NY
Project #: 0204520
(Use Project name as Project #) ☐
Project Manager: Emily Sweed
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 PDF + Excel

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO # 0204520

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:
SS-01_0-0.5 has 3 Encore for VOC. One Jar for other analysis.

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 VOC~~	~~SVOC~~	~~Target TAL Metals~~	~~PCBs~~		TCLP Pb			Sample Specific Comments	Total # Bottles
~~06639-11~~ 09449-01	HA-06_0-2'	2/8/22	11:15	Soil	YL	X	X	X	X		X				5
-12	HA-06_3-4	2/8/22	11:25	Soil	YL	X	X	X	X						5
-13	SS-01_0-0.5	2/8/22	13:40	Soil	YL	X	X	X	X						5
	TB-01_20220208	2/8/22			YL	X									

Container Type: V A A A
Preservative: F A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Tanner Lin	2/8/22 1550	Dave Lin	2/8/22 1550
Dave Lin	2/8/22 1755	AAL	2/8 2000
AAL	2/8		

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)