GEOPHYSICAL ENGINEERING SURVEY REPORT

White Plains Mall

200 Hamilton Avenue
White Plains, New York 10601

NOVA PROJECT NUMBER
18-0644

DATED
February 12, 2018

PREPARED FOR:

AKRF, INC.
Environmental, Planning, and Engineering Consultants
34 South Broadway, Suite 401
White Plains, NY 10601

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions

56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
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NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway, # 765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
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February 12, 2018

Timothy McClintock
Environmental Scientist
AKRF, INC.
34 South Broadway, Suite 401
White Plains, NY 10601
P) 914.922.2374
C) 914.439.1629
F) 914.949.7559

Re: Geophysical Engineering Survey (GES) Report
White Plains Mall
200 Hamilton Avenue
White Plains, New York 10601

Dear Mr. McClintock:

Nova Geophysical Services (NOVA) is pleased to provide findings of the geophysical engineering survey (GES) at the above referenced project site: 200 Hamilton Avenue, White Plains, New York 10601 (the "Site"). Please see attached Site Location and Survey Plan maps for more details.

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a Geophysical engineering surveys (GES) consisting of a Ground Penetrating Radar (GPR) survey at the site. The purpose of this survey is to locate and identify utilities and other substructures as well as clear boring locations on February 6, 2018.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) shielded antenna and a Radio Detection RD7100 utility locator.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

GEOPHYSICAL METHODS

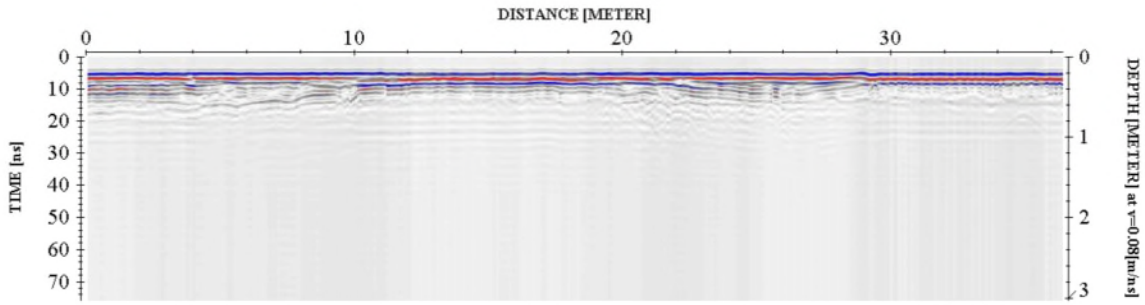
The project site was screened using the GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface.

GPR data profiles were collected for the areas of the Site specified by the client. The surveyed areas consisted of asphalt, concrete, soil.

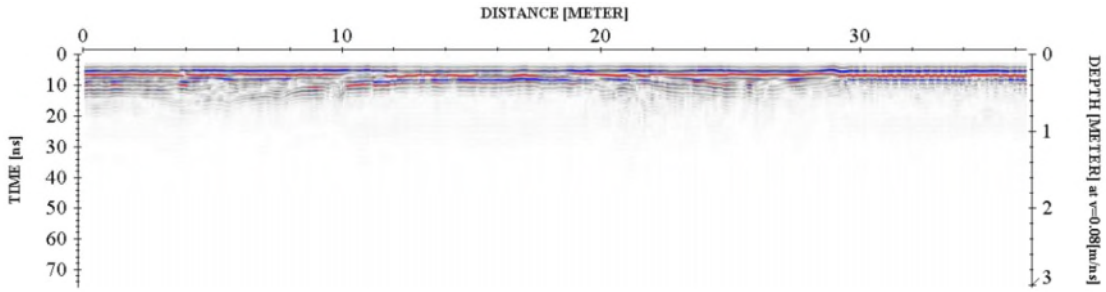
DATA PROCESSING

In order to improve the quality of the results and to better identify subsurface anomalies NOVA processed the collected data. The processes flow is briefly described in this section.

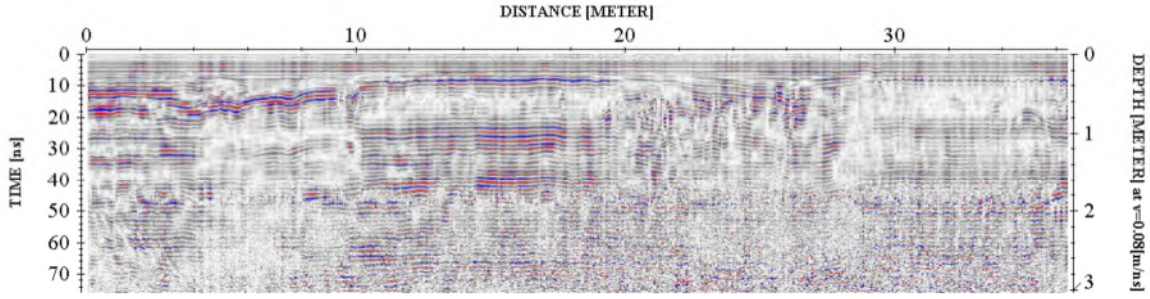
Step 1. Import raw RAMAC data to standard processing format



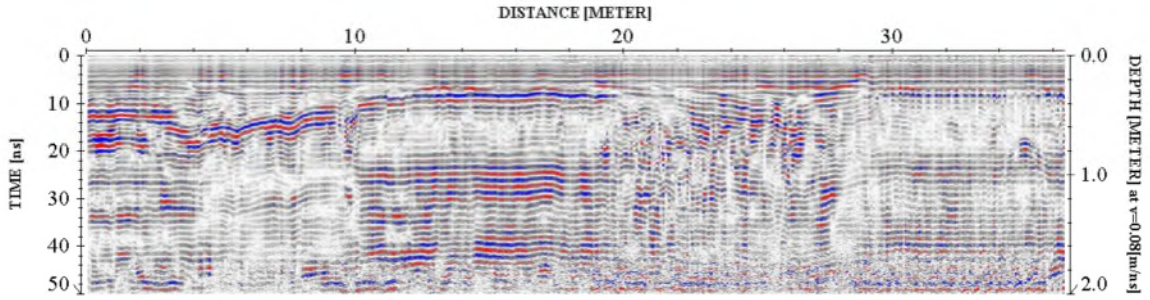
Step 2. Remove instrument noise *(dewow)*



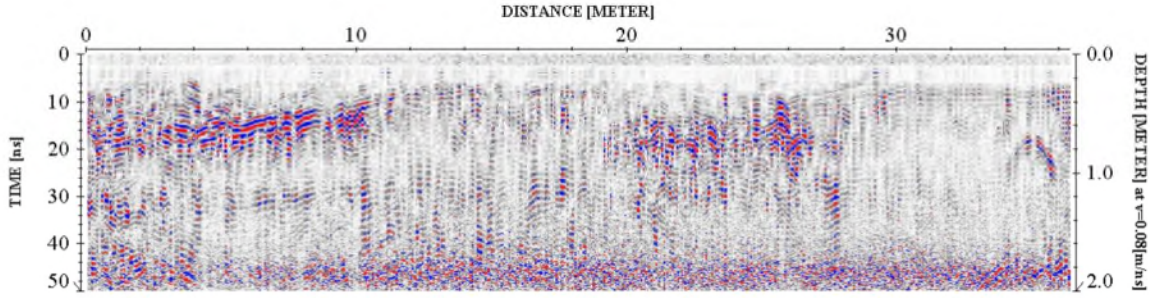
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and describes the subsurface anomalies more accurately.

PHYSICAL SETTINGS

NOVA observed following physical conditions at the time of the survey:

Weather: Cloudy

Temperature: 30 Degrees (F)

Surface: Concrete, asphalt, soil

Geophysical Noise Level (GNL): Geophysical Noise Level (GNL) was high at the site. The noise was the result of being in an urban environment.

RESULTS

The results of the geophysical engineering survey (GES) identified following at the project Site:

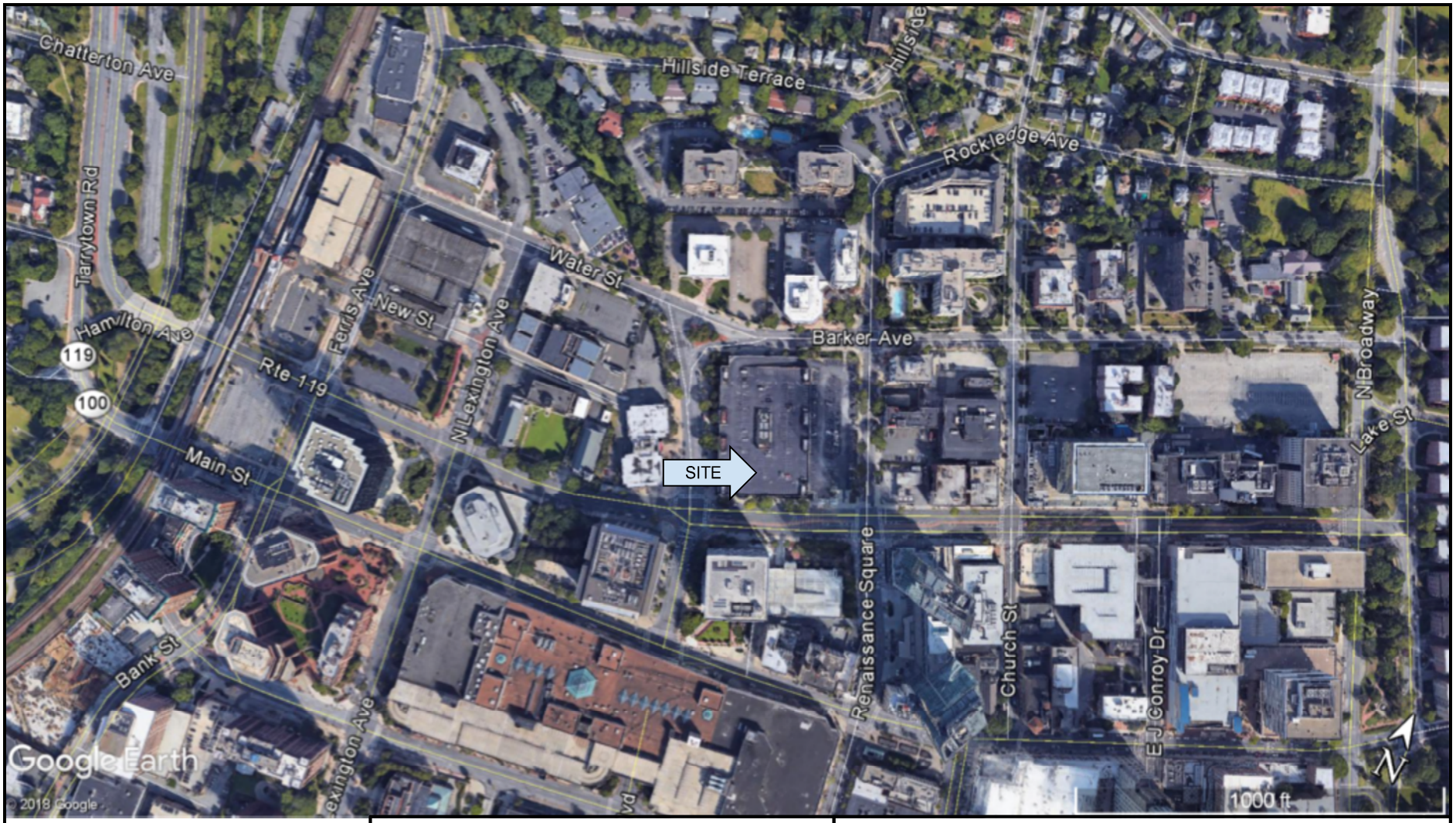
- NOVA identified multiple gas, electric, water, sewer and telecom lines within the survey area as shown in the site survey plan.
- NOVA did not identify any anomalies resembling an underground storage tank on the site.
- All detected subsurface anomalies were marked in the onsite mark out.
- All cleared boring locations were shown in the onsite mark out.
- The Survey Plan portrays the subsurface areas investigated during the GES.

If you have any questions, please do not hesitate to contact the undersigned. Sincerely,

NOVA Geophysical Services

Levent Eskicakit, P.G., E.P.
Project Engineer

Attachments:
Site Location Map
Survey Plan
Geophysical Images



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SITE LOCATION MAP

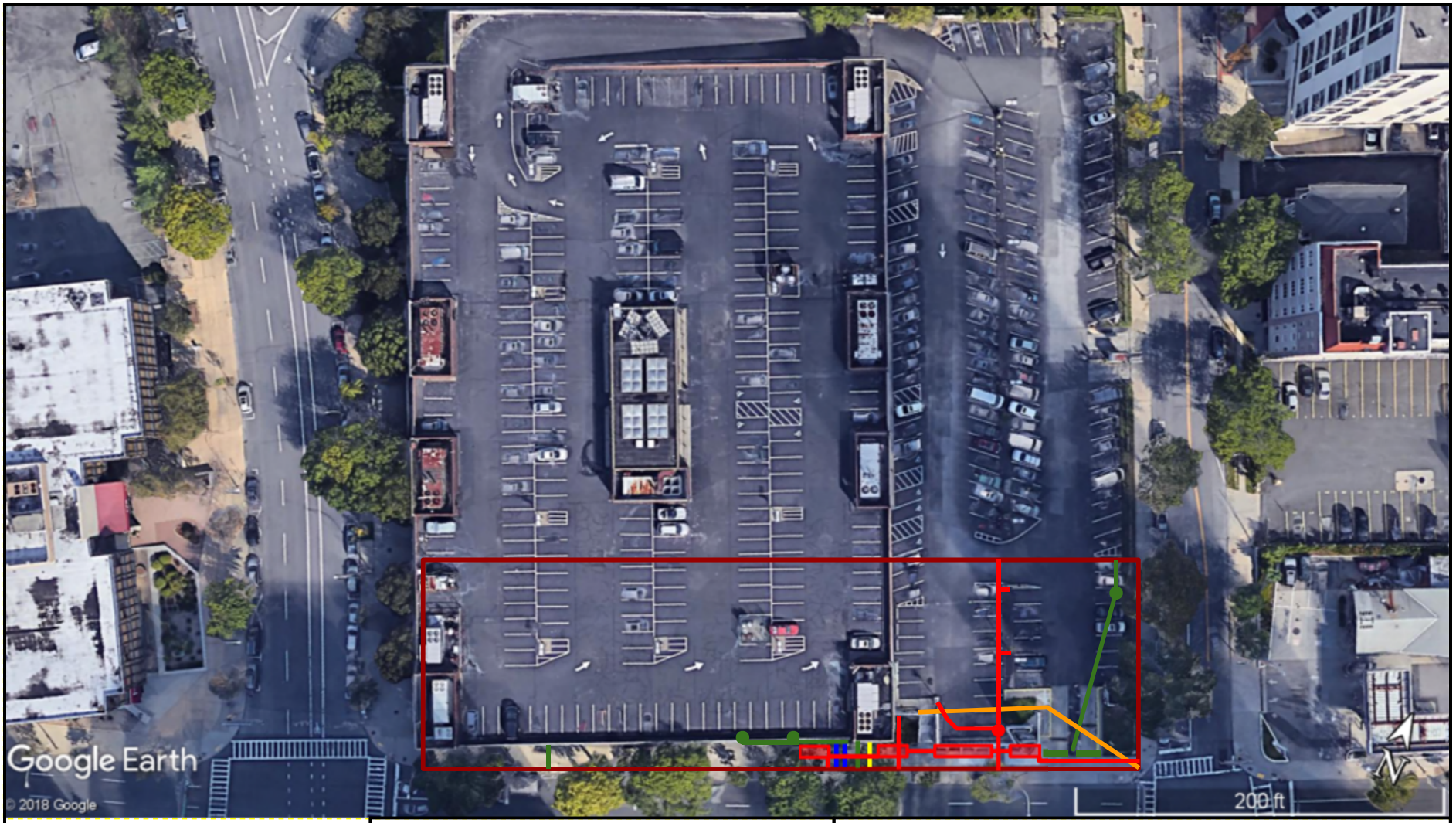
SITE: **White Plains Mall**
200 Hamilton Avenue,
White Plains, New York 10601

CLIENT: AKRF

DATE: February 6, 2018

AUTH: Chris Steinley

LEGEND



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SURVEY PLAN

SITE: **White Plains Mall**
200 Hamilton Avenue,
White Plains, New York 10601

CLIENT: AKRF

DATE: February 6, 2018

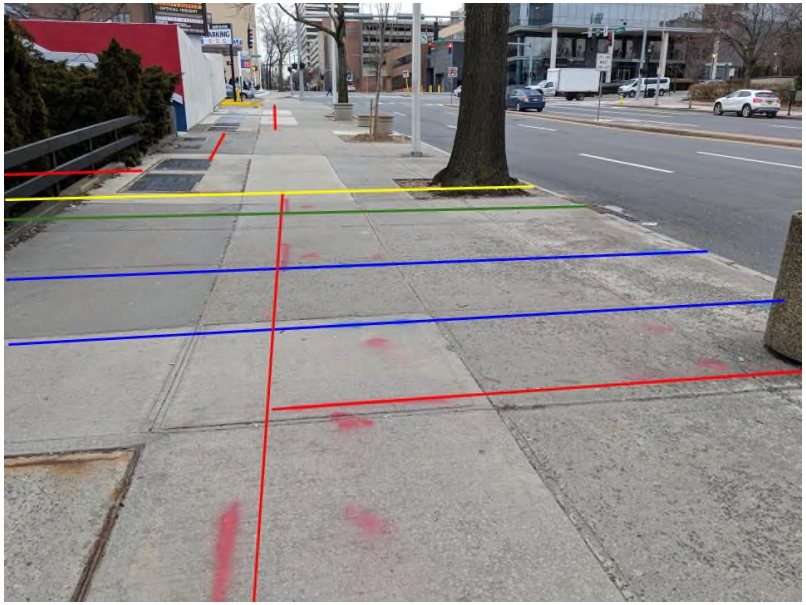
AUTH: Chris Steinley

LEGEND

- Survey Area
- Sewer
- Electric
- Water
- Gas
- Telecom
- Electric Manhole
- Floor Drain
- Electric Vault
- Trench Drain

GEOPHYSICAL IMAGES

White Plains Mall
200 Hamilton Avenue
White Plains, New York 10601
February 6, 2018



GEOPHYSICAL IMAGES

White Plains Mall
200 Hamilton Avenue
White Plains, New York 10601
February 6, 2018

GEOPHYSICAL IMAGES

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GEOPHYSICAL IMAGES

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White Plains, New York 10601
February 6, 2018

GEOPHYSICAL IMAGES

White Plains Mall
200 Hamilton Avenue
White Plains, New York 10601
February 6, 2018

APPENDIX C
FIELD LOGS

SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: **SB-10**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 8:20 **Finish Time:** 9:25
Date: 2/7/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	49	Top 5": ASPHALT and fine GRAVEL (FILL).	ND	Dry	ND	ND	SB-10 (3-5) at 9:25
2							
3		Bottom 44": Brown SAND, some fine Gravel, little Silt, trace Asphalt (FILL).	ND	Dry	ND	ND	
4							
5							
6	20	Top 5": SLOUGH.	ND	Dry	ND	ND	
7		Middle 12": Brown SAND, some fine Gravel, little Silt (FILL).	ND	Dry	ND	ND	
8							
9		Bottom 3": Fine GRAVEL, trace Silt (FILL).	ND	Dry	ND	ND	
10							
11	29	Top 4": SLOUGH.	ND	Dry	ND	ND	
12		Middle 7": Fine GRAVEL, trace Silt.	ND	Dry	ND	ND	
13							
14		Bottom 18": Brown SAND, some Silt, little fine Gravel.	ND	Dry	ND	ND	
15							
16	49	Top 12": SLOUGH.	ND	Dry	ND	ND	
17		Middle 9": Brown SAND and SILT, trace fine Gravel.	ND	Dry	ND	ND	
18							
19		Bottom 28": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
20							

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater encountered at approximately 23 feet below grade during soil boring installation.
End of soil boring at 30 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

200 Hamilton Avenue	**Soil Boring ID:**
AKRF Project Number: 170029	**Sheet 2 of 2**

SB-10

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged By:	T. McClintock, AKRF

Drilling

Start Time: 8:20 **Finish Time:** 9:25

Date: 2/7/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	55	Top 24": SLOUGH.	ND	Dry	ND	ND	SB-10 (20-22) at 9:20
22							
23		Bottom 31": Brown SAND, little Silt, trace fine Gravel.	Septic-Like at 23'	Wet at 23'	0.1	ND	
24					0.1		
25					0.1		
					0.1		
26	56	Top 26": SLOUGH.	ND	Dry	ND	ND	
27		Middle 26": Brown SAND, little Silt, trace fine Gravel.	Septic - Like	Wet	0.1	ND	
28					0.3		
					0.4		
29		Bottom 4": Black SAND and SILT, some fine Gravel.	Organic - Like at 29'	Wet	0.2	ND	
30					0.1		
					0		
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater encountered at approximately 23 feet below grade during soil boring installation.
End of soil boring at 30 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: **SB-11**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 9:40 **Finish Time:** 11:05
Date: 2/6/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	42	Top 5": ASPHALT and fine GRAVEL (FILL).	ND	Dry	ND	ND	
2							
3		Bottom 37": Brown SAND, little Silt, fine Gravel, trace wood, roots (FILL).	ND	Dry	ND	ND	
4							
5							
6	53	Top 8": SLOUGH.	ND	Dry	ND	ND	
7		Middle 40": Brown SAND, little Silt, fine Gravel.	ND	Dry	ND	ND	SB-11 (5-7) at 11:05
8							
9		Bottom 5": Gray SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
10							
11	55	Top 13": SLOUGH.	ND	Dry	ND	ND	
12		Bottom 42": Gray SAND, some fine Gravel, little Silt.	Petro - Like at 12'	Dry	0.5	ND	
13					1.6		
14					6.1 2.5		
15					1.8 2.9		
16	48	Top 12": SLOUGH.	Petro - Like	Dry	0.7 1.7	ND	
17					1.3		
18		Bottom 36": Gray SAND, little fine Gravel, Silt.	Petro - Like	Dry	1.2 53.2	ND	SB-11 (17-19) at 11:00
19					6 3.6		
20					1.1		

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater was not encountered during soil boring installation.
End of soil boring at 22 feet below grade due to DPP refusal on apparent cobbles.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: **SB-11**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 9:40 **Finish Time:** 11:05
Date: 2/6/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	36	Top 15": SLOUGH.	Petro - Like	Dry	5.4 4.1	ND	
22		Bottom 21": White/Red/Blank SAND and fine Gravel, trace Silt.	Petro - Like	Dry	2 2.2	ND	
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater was not encountered during soil boring installation.
End of soil boring at 22 feet below grade on apparent cobbles.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

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SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: **SB-12**
Sheet 1 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 15:05 **Finish Time:** 15:50
Date: 2/6/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	44	Top 3": ASPHALT and fine GRAVEL (FILL).	ND	Dry	ND	ND	SB-12 (2-4) at 15:40
2							
3		Bottom 41": Brown SAND, little Silt, fine Gravel (FILL).	ND	Dry	ND	ND	
4							
5							
6	48	Top 8": SLOUGH.	ND	Dry	ND	ND	
7							
8		Bottom 40": Brown SAND, little Silt, fine Gravel.	ND	Dry	ND	ND	
9							
10							
11	42	Top 12": SLOUGH.	ND	Dry	ND	ND	
12							
13		Bottom 30": Brown SAND, little Silt, fine Gravel.	ND	Dry	ND	ND	
14							
15							
16	37	Top 7": SLOUGH.	ND	Dry	ND	ND	SB-12 (15-16) at 15:50
17							
18		Bottom 30": Brown SAND, little Silt, fine Gravel.	ND	Wet at 16'	ND	ND	
19							
20							

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater was encountered at approximately 16 feet below grade during soil boring installation.
End of soil boring at 25 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: **SB-12**
Sheet 2 of 2

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 15:05 **Finish Time:** 15:50
Date: 2/6/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21	32	Top 3": SLOUGH.	ND	Wet	ND	ND	
22							
23		Bottom 29": Gray SAND, little Silt, fine Gravel.	ND	Wet	ND	ND	
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater was encountered at approximately 16 feet below grade during soil boring installation.
End of soil boring at 25 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

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SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: **SB-13**
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 11:05 **Finish Time:** 12:05
Date: 2/6/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	50	Top 5": ASPHALT and fine GRAVEL (FILL).	ND	Dry	ND	ND	SB-13 (3-5) at 12:05
2							
3		Bottom 45": Brown SAND, little Silt, fine Gravel, trace wood, roots (FILL).	ND	Dry	ND	ND	
4							
5							
6	58	Top 7": SLOUGH.	ND	Dry	ND	ND	
7		Middle 46": Brown SAND, little Silt, fine Gravel (FILL).	Petro - Like at 8'	Dry	3.1 5.2 9.2	ND	
8							
9		Bottom 5": Gray SAND, little Silt, trace fine Gravel (FILL).	Petro - Like	Dry	38.3	ND	
10							
11	32	Top 9": SLOUGH.	Petro - Like	Dry	282.8 881.4	ND	SB-13 (10-12) at 12:00
12		Bottom 23": Gray SAND, little Silt, trace fine Gravel, Concrete (FILL).	Petro - Like	Dry	306.9 262.4	ND	
13							
14							
15							
16							
17							
18							
19							
20							

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater was not encountered during soil boring installation.
End of soil boring at 12 feet below grade due to DPP refusal on apparent cobbles.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

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SOIL BORING AND WELL INSTALLATION LOG	200 Hamilton Avenue AKRF Project Number: 170029	Groundwater Monitoring Well ID: Sheet 1 of 2	MW-7	Soil Boring ID:	SB-14

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged by:	T. McClintock, AKRF

Drilling
Start Time: 13:20 | Finish Time: 15:10
Date: 2/6/2018

Depth (feet)	Well Construction	Surface Condition: Asphalt	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1		Locking Flush Mount					0.2		
2				Top 5": ASPHALT and fine Gravel (FILL).	Septic - Like	Dry	0.6	ND	
3		Concrete Grout: 0 - 18'	51				2.2 4.5 3.6		SB-14 (2-4) at 15:00
4				Bottom 46": Brown SAND, some fine Gravel, little Silt, trace Asphalt (FILL).	Septic - Like	Dry	2.2 1.3	ND	
5							1.1		
6				Top 3": SLOUGH.	Septic - Like	Dry	0.3	ND	
7				Middle 8": Brown SAND, some fine Gravel, little Silt.	Septic and Petro - Like	Dry	1.2 6.6 1	ND	
8			43				6.9		
9		2" Diameter PVC Well Riser: 0.5' - 20'		Bottom 32": Green/Gray SAND and SILT, trace fine Gravel.	Septic and Petro - Like	Dry	68.1 61.7 59.3	ND	
10									
11				Top 12": SLOUGH.	Septic	Dry	63.7		
12				Next 12": Gray SAND and SILT.	and Petro - Like	Dry	27.5 36.3		
13			54	Next 18": Gray SAND, trace Silt.	Septic	Dry	63.2 75.8		
14				Bottom 12": Gray SAND, little Silt, trace fine Gravel.	and Petro - Like	Dry	629 815		
15							967		
16				Top 3": SLOUGH.	Septic and Petro - Like	Dry	1370 1264		
17				Middle 10": Gray SAND, little Silt, trace fine Gravel.	Petro - Like	Wet at 16'	507 465		SB-14 (15-16) at 15:10
18			55			Dry	1006		
19		Bentonite Seal: 18' - 19'		Bottom 42": Gray SAND, little Silt, fine Gravel.	Petro - Like	17 - 19' Wet at 19'	1221 1193 421		
20							96.1		

Notes: ▼ Groundwater Depth Indicator

Groundwater measured at 23.27 feet below grade in MW-7 on 2/8/17.

Groundwater monitoring well installed to 30 feet below grade.

Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.

Groundwater encountered at approximately 23.27 feet below grade during soil boring installation.

End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ppm = parts per million ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	200 Hamilton Avenue AKRF Project Number: 170029	Groundwater Monitoring Well ID: Sheet 2 of 2	MW-7	Soil Boring ID:	SB-14

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged by:	T. McClintock, AKRF

Drilling
Start Time: 13:20 | Finish Time: 15:10
Date: 2/6/2018

Depth (feet)	Well Construction	Surface Condition: Asphalt	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
21		Morie #2 Sand Pack: 19' - 30'		Top 6": SLOUGH.	Petro - Like	Wet		ND	
22							1215		
23			33	Middle 10": Gray SAND, little Silt, trace fine Gravel.	Petro - Like	Wet	975 457 75.7 62.3	ND	
24		2" Diameter Pre-Packed PVC Well Screen: 20' - 30'		Bottom 17": Brown SAND, little Silt, fine Gravel.	Petro - Like	Wet	11.8	ND	
25									
26				Top 6": SLOUGH.	Petro - Like	Wet	465	ND	
27							529		
28			48	Middle 25": Brown SAND, little Silt, fine Gravel.	Petro - Like	Wet	153 113 152 40.5	ND	
29				Bottom 17": Brown SAND, little Silt, fine Gravel.	Petro - Like	Wet	17.4 4.2	ND	
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									

Notes:
▼ Groundwater Depth Indicator

Groundwater measured at 23.27 feet below grade in MW-7 on 2/8/17.

Groundwater monitoring well installed to 30 feet below grade.

Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.

Groundwater encountered at approximately 23.27 feet below grade during soil boring installation.

End of soil boring at 30 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ppm = parts per million ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	200 Hamilton Avenue AKRF Project Number: 170029	Groundwater Monitoring Well ID: Sheet 1 of 1	MW-8	Soil Boring ID:	SB-15

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	4' Macrocores
Driller:	Cascade Drilling
Weather:	25 °F, Cloudy
Logged by:	T. McClintock, AKRF

Drilling
Start Time: 8:20 | Finish Time: 9:00
Date: 2/9/2018

Surface Condition: Terrazzo Tile and Concrete

Well Construction: Locking Flush Mount; Concrete Grout: 0 - 5'; 2" Diameter PVC Well Riser: 0.5' - 7'; Bentonite Seal: 5' - 6'; Morie #2 Sand Pack: 6' - 17'; 2" Diameter Pre-Packed PVC Well Screen: 7' - 17'

Depth (feet)	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1–4	40.5	Top 5.5": TILE and CONCRETE (FILL).	ND	Dry	ND	ND	SB-15 (2-4) at 9:00
		Bottom 35": Brown SAND, little Silt, fine Gravel (FILL).	ND	Dry	ND	ND	
5–8	40	Top 7": SLOUGH.	ND	Dry	ND	ND	
		Middle 17": Brown SAND, little Silt, trace fine Gravel.	ND	Dry	ND	ND	
		Bottom 35": Brown SAND, trace Silt, fine Gravel.	ND	Dry	ND	ND	
9–12	37	Top 4": SLOUGH.	ND	Dry	ND	ND	
		Middle 23": Brown SAND, trace Silt.	Petro - Like at 10.5'	Moist at 10.5	0.5 2.5 3.3		SB-15 (10-11) at 8:55
		Bottom 35": Gray SAND, trace Silt.	Petro - Like	Wet at 11.5	10.2 895 1101		
13–16	43	Top 6": SLOUGH.	Petro - Like	Wet	806 778 324 42.7		
		Bottom 37": Gray SAND, some SILT.	Petro - Like	Wet	20.5 12.8		
17–20							

Notes:
▼ Groundwater Depth Indicator

Groundwater measured at 10.26 feet below grade in MW-8 on 2/9/17.

Groundwater monitoring well installed to 17 feet below grade.

Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.

Groundwater encountered at approximately 10.26 feet below grade during soil boring installation.

End of soil boring at 16 feet below grade. Casing advanced to 17 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ppm = parts per million ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: SB-16
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	4' Macrocores
Driller:	Cascade Drilling
Weather:	25 °F, Clear
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 10:10 **Finish Time:** 11:10
Date: 2/9/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	31	Top 4": CONCRETE and fine GRAVEL.	ND	Dry	ND	ND	
2		Middle 9": Brown SAND, some Concrete, fine Gravel, little Silt, trace Brick (FILL).	ND	Dry	ND	ND	SB-16 (2-4) at 11:10
3		Bottom 18": Brown SAND, some Silt, trave fine Gravel (FILL).	ND	Dry	ND	ND	
4							
5	38	Top 10": SLOUGH.	ND	Dry	ND	ND	
6							
7		Bottom 28": Brown SAND, some Silt, trace fine Gravel.	ND	Dry	ND	ND	
8							
9	41	Top 12": SLOUGH.	ND	Dry	ND	ND	
10		Next 8": Brown SAND, little Silt.	ND	Dry	ND	ND	
11		Next 7": Brown SILT, little Sand.	ND	Moist at 11'	ND	ND	
12		Bottom 14": Brown SAND, little Silt.	ND	Moist	ND	ND	
13	46	Top 7": SLOUGH.	Petro - Like	Wet at 13'	5.5 2.8 4.7		
14		Middle 30": Gray SILT, little Sand.	Petro - Like	Wet	5.8 5.4		SB-16 (12-13) at 11:00
15		Bottom 9": Brown SILT, little Sand.	Petro - Like	Wet	3.7 1.7		
16					1.3		
17	39	Top 8": SLOUGH.	Petro - Like	Wet	0.5 0.3	ND	
18		Middle 18": Brown SILT, little Sand.	Petro - Like	Wet	0.7 0.1	ND	
19		Bottom 13": Gray SAND, some Silt.	Septic - Like	Wet	0.4 0.3	ND	
20					2.1		

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater was encountered at approximately 13 feet below grade during soil boring installation.
End of soil boring at 20 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: **SB-17**
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	4' Macrocores
Driller:	Cascade Drilling
Weather:	25 °F, Clear
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 11:35 **Finish Time:** 12:35
Date: 2/9/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Concrete	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	29	Top 4": CONCRETE and fine GRAVEL.	ND	Dry	ND	ND	
2							
3		Bottom 25": Brown SAND, little Silt, fine Gravel, trace Brick (FILL).	ND	Dry	ND	ND	
4							
5	24	Top 7": SLOUGH.	ND	Dry	ND	ND	SB-17 (5-7) at 12:35
6							
7		Bottom 17": Brown SAND, little Silt, fine Gravel, trace Brick, Rubber, Asphalt (FILL).	ND	Dry	ND	ND	
8							
9	33	Top 6": SLOUGH.	ND	Dry	ND 298	ND	
10		Middle 19": Gray SILT, some Sand.	Petro - Like at 8.5'	Wet at 9'	24.3 15.7	ND	SB-17 (8-9) at 12:25
11		Bottom 8": Gray SAND, trace Silt.			11.4	ND	
12					12.7 10.7		
13	34	Top 9": SLOUGH.	Petro - Like	Wet	11.1 12.3	ND	
14		Middle 10": Gray SAND, trace Silt.	Petro - Like	Wet	3.7 4.2	ND	
15		Bottom 15": Gray SILT, trace Sand.	Petro - Like	Wet	3.8 2.9	ND	
16							
17	45	Top 6": SLOUGH.	Petro - Like	Wet	1.8 1.9 0.6 0.5	ND	
18							
19		Bottom 39": Gray SILT, little Sand.	Petro - Like	Wet	0.8 1.1 0.7	ND	
20					0.1		

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260), CP-51 SVOCs (EPA 8270), and Resource Conservation and Recovery Act (RCRA) 8 Metals plus Zinc.
Groundwater was encountered at approximately 9 feet below grade during soil boring installation.
End of soil boring at 20 feet below grade.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING LOG

200 Hamilton Avenue
AKRF Project Number: 170029

Soil Boring ID: SB-18
Sheet 1 of 1

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged By:	T. McClintock, AKRF

Drilling
Start Time: 12:10 **Finish Time:** 13:05
Date: 2/6/2018

Depth (feet)	Recovery (Inches)	Surface Condition: Asphalt	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1	45	Top 5": ASPHALT and fine GRAVEL (FILL).	ND	Dry	ND	ND	
2							
3		Bottom 40": Brown SAND, little Silt, fine Gravel, trace Concrete (FILL).	ND	Dry	ND	ND	
4							
5							
6	55	Top 5": SLOUGH.	ND	Dry	ND	ND	
7					0.5		
8					0.5		
9		Bottom 50": Brown SAND, little Silt, fine Gravel.	ND	Dry	0.7	ND	
10					1.3		
11	55	Top 10": SLOUGH.	ND	Dry	1.7	ND	
12					2		
13		Middle 24": Brown SAND, little Silt, fine Gravel.	Petro - Like at 11'	Dry	1.3	ND	SB-18 (12-14) at 13:05
14		Bottom 21": Gray SAND, little Silt, fine Gravel.	Petro - Like	Dry	2.9	ND	
15					103		
16	53	Top 9": SLOUGH.	Petro - Like	Dry	752	ND	
17		Middle 15": Gray SAND, little Silt, fine Gravel.	Petro - Like	Dry	574	ND	
18					262		
19		Bottom 29": Red/Brown/Black SAND, little Silt, fine Gravel.	Petro - Like	Dry	589	ND	
20					246		
					648		
					619		
					115		
					22.5		
					10.1		
					19.2		
					8.3		
					6.7		
					5.8		
					7.2		

Notes: Soil samples analyzed for Commissioners Policy (CP-51) VOCs (EPA 8260).

Groundwater was not encountered during soil boring installation.
End of soil boring at 19 feet below grade due to DPP refusal on apparent cobbles.

PID = photoionization detector ppm = parts per million NAPL = non-aqueous phase liquid ND = not detected

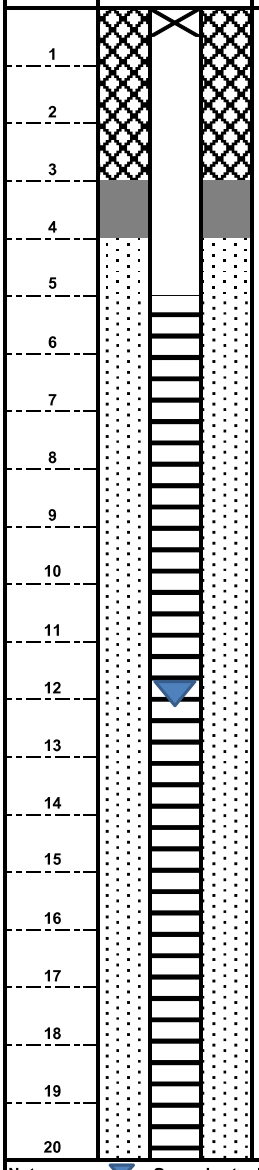
Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

SOIL BORING AND WELL INSTALLATION LOG	200 Hamilton Avenue AKRF Project Number: 170029	Groundwater Monitoring Well ID: Sheet 1 of 1	MW-9	Soil Boring ID:	SB/MW-9

AKRF
440 Park Avenue South, 7th Floor
New York, NY 10016

Drilling Method:	Geoprobe DPP
Sampling Method:	5' Macrocores
Driller:	Cascade Drilling
Weather:	30 °F, Cloudy
Logged by:	T. McClintock, AKRF

Drilling
Start Time: 11:35 | Finish Time: 12:15
Date: 2/7/2018



Locking Flush Mount

Concrete Grout: 0 - 18'

2" Diameter PVC Well Riser: 0.5' - 5'

Bentonite Seal: 3' - 4'

Morie #2 Sand Pack: 6' - 17'

2" Diameter Pre-Packed PVC Well Screen: 7' - 17'

Depth (feet)	Recovery (Inches)	Soil Boring Log	Odor	Moisture	PID (ppm)	NAPL	Soil Samples Collected for Laboratory Analysis
1-4	50	Top 8": Topsoil, trace grass, roots (FILL).	ND	Dry	ND	ND	
		Bottom 42": Brown SAND, some Silt, fine Gravel, trace Brick, wood (FILL).	ND	Dry	ND	ND	
5-8	57	Top 8": SLOUGH.	ND	Dry	ND	ND	
		Bottom 49": Brown SAND and SILT, trace fine Gravel.	ND	Wet at 9'	ND	ND	
9-12	30	Top 7": SLOUGH.	ND	Wet	ND	ND	
		Middle 5": Brown SILT, little Sand.	ND	Wet	ND	ND	
		Bottom 18": Gray SILT, little Sand.	ND	Wet	ND	ND	

Notes:

Groundwater Depth Indicator

Groundwater measured at 12.27 feet below grade in MW-9 on 2/8/17.

Groundwater monitoring well installed to 20 feet below grade.

Soil samples from SB/MW-9 were not submitted for laboratory analysis.

Groundwater encountered at approximately 12.27 feet below grade during soil boring installation.

End of soil boring at 15 feet below grade. Casing advanced to 20 feet below grade.

PID = photoionization detector NAPL = non-aqueous phase liquid ppm = parts per million ND = not detected

Soil classifications and descriptions presented are based on the Modified Burmister Classification System. Descriptions were developed for environmental purposes only.

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Chris Puoplo	**MW-1**
Date: 2/16/2018	**Sampling Time:** 10:25	
LEL at surface: N/A		
PID at surface: ND		

Total Depth:	24.27 ft. below top of casing	**Water Column:** 5.89 feet	*= 0.163 * WC for 2" wells
Depth to Water:	18.38 ft. below top of casing	**Well Volume*:** 0.96 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing	**Volume Purged:** 4 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	10.6 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	25.6 ft. below top of casing	**Purging Device (pump type):**	
Approx. Pump Intake:	21.3 ft. below top of casing	QED Bladder Pump	

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
8:57	18.38	100	13.88	10.0	1.00	7.49	164	902	
9:02	18.38	100	14.20	10.0	0.55	7.50	152	712	
9:07	18.38	100	14.32	9.92	0.38	7.51	144	493	
9:12	18.38	100	14.39	9.61	0.30	7.53	139	425	
9:17	18.38	100	14.45	9.23	0.25	7.55	134	304	
9:22	18.38	100	14.48	8.97	0.20	7.56	129	235	
9:27	18.38	100	14.47	8.76	0.18	7.57	124	165	
9:32	18.38	100	14.48	8.43	0.12	7.58	115	117	No odor or sheen
9:37	18.38	100	14.48	8.41	0.11	7.58	114	114	
9:42	18.38	100	14.51	8.35	0.10	7.59	112	117	
9:47	18.38	100	14.52	8.27	0.08	7.59	109	94.4	
9:52	18.38	100	14.53	8.22	0.08	7.59	108	90.8	
9:57	18.38	100	14.53	8.17	0.06	7.59	106	68.4	
10:02	18.38	100	14.54	8.14	0.06	7.59	105	63.8	
10:07	18.38	100	14.55	8.10	0.05	7.59	103	50.4	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029		**Client:** Street-Works Development	**Well No:** **MW-1**
Project Location: 200 Hamilton Avenue, White Plains, NY		**Sampled By:** Chris Puoplo	
Date: 2/16/2018		**Sampling Time:** 10:25	
LEL at surface: N/A			
PID at surface: ND			
Total Depth:	24.27 ft. below top of casing	**Water Column:** 5.89 feet	*= 0.163 * WC for 2" wells
Depth to Water:	18.38 ft. below top of casing	**Well Volume*:** 0.96 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing	**Volume Purged:** 4 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	10.6 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	25.6 ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake:	21.3 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
10:12	18.38	100	14.56	8.07	0.04	7.59	101	38.9	No odor or sheen
10:17	18.38	100	14.56	8.07	0.03	7.60	100	39.8	
10:22	18.38	100	14.57	8.04	0.03	7.59	98	31.0	
10:33	18.38	100	14.35	8.02	0.10	7.60	98	32.3	

Stabilization Criteria:	+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:** **MW-2**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Tim McClintock	
Date: 2/16/2018	**Sampling Time:** 16:25	
LEL at surface: N/A		
PID at surface: 0.4 ppm		
Total Depth: 22.24 ft. below top of casing	**Water Column:** 9.82 feet	*= 0.163 * WC for 2" wells
Depth to Water: 12.42 ft. below top of casing	**Well Volume*:** 1.60 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 4 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 10 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 27 ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake: 17.5 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
14:20	12.42	100	15.26	4.67	4.52	6.51	41	221	Petro- & septic- like odor, no sheen.
14:25	12.42	100	15.53	3.87	3.93	6.62	-2	209	
14:30	12.42	100	15.56	5.40	3.69	6.48	-10	196	
14:35	12.42	100	15.57	5.45	3.19	6.48	-19	185	
14:40	12.42	100	15.49	5.46	2.87	6.48	-22	176	
14:45	12.42	100	15.44	5.55	2.60	6.45	-24	174	
14:50	12.42	100	15.42	5.64	2.21	6.46	-27	166	
14:55	12.42	100	15.38	5.68	1.97	6.46	-29	161	
15:00	12.42	100	15.35	5.76	1.70	6.46	-32	155	
15:05	12.42	100	15.31	5.74	1.56	6.45	-34	151	
15:10	12.42	100	15.25	5.75	2.35	6.45	-34	148	
15:15	12.42	100	15.16	5.75	2.08	6.46	-36	144	
15:20	12.42	100	15.23	5.78	1.91	6.45	-36	142	
15:25	12.42	100	15.22	5.82	1.69	6.45	-38	139	
15:30	12.42	100	15.17	5.82	1.53	6.46	-39	136	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029		**Client:** Street-Works Development	**Well No:** **MW-2**
Project Location: 200 Hamilton Avenue, White Plains, NY		**Sampled By:** Tim McClintock	
Date: 2/16/2018		**Sampling Time:** 16:25	
LEL at surface: N/A			
PID at surface: 0.4 ppm			
Total Depth:	22.24 ft. below top of casing	**Water Column:** 9.82 feet	*= 0.163 * WC for 2" wells
Depth to Water:	12.42 ft. below top of casing	**Well Volume*:** 1.60 gallons	*= 0.653 * WC for 4" wells
Depth to Product:	ND ft. below top of casing	**Volume Purged:** 4 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen:	10 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen:	27 ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake:	17.5 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
15:35	12.42	100	14.59	5.95	1.26	6.41	-36	131	Petro- & septic- like odor, no sheen.
15:40	12.42	100	14.54	5.94	1.23	6.37	-35	130	
15:45	12.42	100	14.48	5.92	1.15	6.39	-36	129	
15:50	12.42	100	14.35	5.92	1.03	6.39	-37	127	
15:55	12.42	100	14.34	5.94	0.97	6.41	-39	127	
16:00	12.42	100	14.36	5.94	0.89	6.43	-41	125	
16:05	12.42	100	14.31	5.96	0.78	6.45	-43	115	
16:10	12.42	100	14.27	6.00	0.73	6.46	-43	121	
16:15	12.42	100	14.24	6.00	0.60	6.46	-45	119	
16:20	12.42	100	14.23	5.97	0.57	6.47	-45	117	
16:30	12.42	100	14.19	5.96	0.64	6.39	-26	115	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Tim McClintock	**MW-5**
Date: 2/16/2018	**Sampling Time:** 11:45	
LEL at surface: N/A		
PID at surface: ND		
Total Depth: 28.22 ft. below top of casing	**Water Column:** 6.81 feet	*= 0.163 * WC for 2" wells
Depth to Water: 21.41 ft. below top of casing	**Well Volume*:** 1.11 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 4 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: unknown ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: unknown ft. below top of casing	**Purging Device (pump type):**	
Approx. Pump Intake: 25 ft. below top of casing	QED Bladder Pump	

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
9:40	21.41	100	14.70	12.0	1.68	6.08	268	860	
9:45	21.41	100	14.89	11.5	2.58	6.16	258	375	
9:50	21.41	100	14.59	11.6	2.21	6.15	253	291	
9:55	21.41	100	14.36	11.9	1.65	6.09	252	203	
10:00	21.41	100	14.33	12.0	1.41	6.05	247	150	
10:05	21.41	100	14.31	12.1	1.23	6.04	244	126	
10:10	21.41	100	14.31	12.1	1.09	6.08	236	118	
10:15	21.41	100	14.31	12.1	0.97	6.11	232	106	No odor or sheen
10:20	21.41	100	14.26	12.1	0.86	6.14	227	123	
10:25	21.41	100	14.05	12.1	0.81	6.13	225	109	
10:30	21.41	100	13.58	12.1	0.69	6.05	227	121	
10:35	21.41	100	13.41	12.1	0.75	6.02	226	119	
10:40	21.41	100	13.40	12.1	0.69	6.00	225	131	
10:45	21.41	100	13.40	12.1	0.65	6.00	224	114	
10:50	21.41	100	13.40	12.1	0.59	5.97	224	107	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:** **MW-5**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Tim McClintock	
Date: 2/16/2018	**Sampling Time:** 11:45	
LEL at surface: N/A		
PID at surface: ND		
Total Depth: 28.22 ft. below top of casing	**Water Column:** 6.81 feet	*= 0.163 * WC for 2" wells
Depth to Water: 21.41 ft. below top of casing	**Well Volume*:** 1.11 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 4 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: unknown ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: unknown ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake: 25 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
10:55	21.41	100	13.27	12.2	0.53	5.98	221	101	
11:00	21.41	100	13.28	12.2	0.48	5.98	218	97.7	
11:05	21.41	100	13.23	12.2	0.45	5.98	217	117	
11:10	21.41	100	13.91	12.2	0.41	6.02	211	122	
11:15	21.41	100	13.59	12.2	0.34	6.02	211	126	
11:20	21.41	100	13.48	12.2	0.30	6.00	210	133	No odor or sheen
11:25	21.41	100	13.68	12.2	0.29	6.02	207	120	
11:30	21.41	100	13.27	12.2	0.27	6.02	201	131	
11:35	21.41	100	13.29	12.2	0.25	6.06	199	121	
11:40	21.41	100	13.33	12.2	0.24	6.06	199	124	
11:50	21.41	100	13.83	12.2	0.19	5.99	209	121	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:** **MW-6**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Tim McClintock	
Date: 2/16/2018	**Sampling Time:** 13:20	
LEL at surface: N/A		
PID at surface: 0.7 ppm		
Total Depth: 28.94 ft. below top of casing	**Water Column:** 5.82 feet	*= 0.163 * WC for 2" wells
Depth to Water: 23.12 ft. below top of casing	**Well Volume*:** 0.95 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 2 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: unknown ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: unknown ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake: 25.8 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
12:40	23.12	100	14.71	10.0	0.28	6.36	13	181	Petro-like odor, no sheen
12:45	23.12	100	14.89	10.1	0.14	6.32	-6	137	
12:50	23.12	100	14.94	10.1	0.08	6.31	-14	106	
12:55	23.12	100	14.97	10.1	0.00	6.29	-21	72.2	
13:00	23.12	100	14.99	10.1	0.00	6.29	-25	59.5	
13:05	23.12	100	15.01	10.1	0.00	6.29	-29	47.4	
13:10	23.12	100	15.01	10.1	0.00	6.29	-32	39.7	
13:15	23.12	100	14.99	10.1	0.00	6.28	-33	36.6	
13:20	23.12	100	14.99	10.1	0.00	6.28	-34	35.1	
13:30	23.12	100	14.91	10.1	0.00	6.28	-35	33.2	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:** **MW-7**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Chris Puoplo	
Date: 2/16/2018	**Sampling Time:** 13:55	
LEL at surface: N/A		
PID at surface: 250.6 ppm		
Total Depth: 30.35 ft. below top of casing	**Water Column:** 6.45 feet	*= 0.163 * WC for 2" wells
Depth to Water: 23.9 ft. below top of casing	**Well Volume*:** 1.05 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 2.5 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 20.35 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 30.35 ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake: 27 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
11:54	23.90	100	14.69	4.10	0.86	7.43	-174	216	Petro-like odor, no sheen
11:59	23.90	100	14.92	4.05	0.58	7.40	-302	198	
12:04	23.90	100	15.13	3.88	0.54	7.40	-363	244	
12:09	23.90	100	15.20	3.70	0.57	7.39	-334	489	
12:14	23.90	100	15.10	3.68	0.57	7.39	-326	467	
12:19	23.90	100	15.02	3.72	0.60	7.39	-324	392	
12:24	23.90	100	14.98	3.82	0.54	7.38	-318	339	
12:29	23.90	100	15.05	3.87	0.48	7.38	-332	271	
12:34	23.90	100	15.03	3.87	0.53	7.38	-334	251	
12:39	23.90	100	14.69	3.95	0.50	7.35	-327	180	
12:44	23.90	100	14.66	4.10	0.51	7.35	-332	143	
12:49	23.90	100	14.66	4.12	0.53	7.34	-330	128	
12:54	23.90	100	14.77	4.20	0.55	7.34	-325	191	
12:59	23.90	100	14.80	4.15	0.39	7.34	-325	168	
13:04	23.90	100	15.01	4.04	0.34	7.39	-312	122	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:** **MW-7**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Chris Puoplo	
Date: 2/16/2018	**Sampling Time:** 13:55	
LEL at surface: N/A		
PID at surface: 250.6 ppm		
Total Depth: 30.35 ft. below top of casing	**Water Column:** 6.45 feet	*= 0.163 * WC for 2" wells
Depth to Water: 23.9 ft. below top of casing	**Well Volume*:** 1.05 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 2.5 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 20.35 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 30.35 ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake: 27 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
13:09	23.90	100	15.06	3.93	0.36	7.72	-119	105	
13:14	23.90	100	15.10	3.07	0.40	7.42	81	84.5	
13:19	23.90	100	14.83	5.27	0.36	7.33	-358	260	
13:24	23.90	100	15.36	5.30	0.11	7.35	-449	217	
13:29	23.90	100	15.40	5.02	0.11	7.35	-436	400	
13:34	23.90	100	15.45	4.96	0.16	7.35	-417	571	Petro-like odor, no sheen
13:39	23.90	100	15.39	4.94	0.20	7.35	-416	710	
13:44	23.90	100	15.21	5.05	0.20	7.34	-405	626	
13:49	23.90	100	15.14	5.13	0.20	7.34	-403	606	
13:54	23.90	100	15.09	5.12	0.22	7.34	-403	572	
14:02	23.90	100	15.00	5.14	0.43	7.34	-297	668	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:** **MW-8**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Chris Puoplo	
Date: 2/16/2018	**Sampling Time:** 18:07	
LEL at surface: N/A		
PID at surface: 11 ppm		
Total Depth: 16.98 ft. below top of casing	**Water Column:** 7.05 feet	*= 0.163 * WC for 2" wells
Depth to Water: 9.93 ft. below top of casing	**Well Volume*:** 1.15 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 1.25 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 6.98 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 16.98 ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake: 13.3 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
17:35	9.93	100	14.78	5.28	0.10	6.59	-61	277	Petro-like odor, no sheen
17:40	9.93	100	15.81	5.20	0.06	6.58	-78	201	
17:45	9.93	100	16.47	5.17	0.00	6.66	-94	107	
17:50	9.93	100	16.70	5.17	0.00	6.67	-100	63.5	
17:55	9.93	100	16.84	5.17	0.00	6.67	-103	46.2	
18:00	9.93	100	17.04	5.13	0.00	6.67	-107	27.6	
18:05	9.93	100	17.15	5.12	0.00	6.63	-107	19.0	
18:14	9.93	100	17.13	5.09	0.00	6.56	-102	20.0	

Stabilization Criteria:	+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Chris Puoplo	**MW-9**
Date: 2/16/2018	**Sampling Time:** 16:37	
LEL at surface: N/A		
PID at surface: 0.4 ppm		
Total Depth: 20.25 ft. below top of casing	**Water Column:** 8.43 feet	*= 0.163 * WC for 2" wells
Depth to Water: 11.82 ft. below top of casing	**Well Volume*:** 1.36 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 2.5 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 5.25 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 20.25 ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake: 16 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
15:05	11.82	100	14.33	3.55	2.48	7.34	78	487	
15:10	11.82	100	13.63	3.61	3.43	7.33	69	437	
15:15	11.82	100	13.55	3.59	3.46	7.33	64	389	
15:20	11.82	100	13.29	3.58	3.21	7.33	50	300	
15:25	11.82	100	13.26	3.59	3.07	7.33	48	267	
15:30	11.82	100	13.17	3.59	2.95	7.33	45	208	
15:35	11.82	100	13.09	3.59	2.78	7.33	43	167	
15:40	11.82	100	12.99	3.61	2.70	7.33	36	134	No odor or sheen
15:45	11.82	100	12.97	3.61	2.58	7.33	33	108	
15:50	11.82	100	12.96	3.61	2.50	7.33	34	107	
15:55	11.82	100	12.95	3.62	2.52	7.33	31	99	
16:00	11.82	100	12.99	3.63	2.37	7.33	26	83.9	
16:05	11.82	100	12.96	3.64	2.28	7.33	26	82.9	
16:10	11.82	100	12.92	3.65	2.22	7.33	22	73	
16:15	11.82	100	12.89	3.67	2.10	7.33	13	58.2	
Stabilization Criteria:				**+/- 3 mS/cm**	**+/- 0.3 mg/L**	**+/- 0.1 pH units**	**+/- 10 mV**	**<50 NTU**	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

Well Sampling Log

Job No: 170029	**Client:** Street-Works Development	**Well No:** **MW-9**
Project Location: 200 Hamilton Avenue, White Plains, NY	**Sampled By:** Chris Puoplo	
Date: 2/16/2018	**Sampling Time:** 16:37	
LEL at surface: N/A		
PID at surface: 0.4 ppm		
Total Depth: 20.25 ft. below top of casing	**Water Column:** 8.43 feet	*= 0.163 * WC for 2" wells
Depth to Water: 11.82 ft. below top of casing	**Well Volume*:** 1.36 gallons	*= 0.653 * WC for 4" wells
Depth to Product: ND ft. below top of casing	**Volume Purged:** 2.5 gallons	*= 1.469 * WC for 6" wells
Depth to top of screen: 5.25 ft. below top of casing	**Well Diam.:** 2 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 20.25 ft. below top of casing	**Purging Device (pump type):** QED Bladder Pump	
Approx. Pump Intake: 16 ft. below top of casing		

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (^{o}C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity (NTU)	Comments (problems, odor, sheen)
16:20	11.82	100	12.88	3.67	2.03	7.33	13	54.4	No odor or sheen
16:25	11.82	100	12.86	3.68	1.95	7.33	12	47.6	
16:30	11.82	100	12.81	3.70	1.89	7.33	7	40.8	
16:35	11.82	100	12.78	3.71	1.87	7.33	6	42.0	
16:47	11.82	100	12.36	3.74	1.72	7.33	5	49.2	

Stabilization Criteria:	+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10 mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Groundwater samples analyzed for: Commissioners Policy CP-51 Volatile Organic Compounds (VOCs) by EPA 8260

APPENDIX D

LABORATORY ANALYTICAL REPORTS

ANALYTICAL REPORT

Lab Number:	L1804131
Client:	AKRF, Inc. 34 South Broadway White Plains, NY 10601
ATTN:	Becky Kinal
Phone:	(914) 922-2362
Project Name:	200 HAMILTON AVENUE
Project Number:	170029
Report Date:	02/13/18

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1804131-01	SB-11 (17-19)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 11:00	02/06/18
L1804131-02	SB-11 (5-7)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 11:05	02/06/18
L1804131-03	SB-13 (10-12)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 12:00	02/06/18
L1804131-04	SB-13 (3-5)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 12:05	02/06/18
L1804131-05	SB-18 (12-14)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 13:05	02/06/18
L1804131-06	SB-14 (2-4)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 15:00	02/06/18
L1804131-07	SB-14 (15-16)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 15:10	02/06/18
L1804131-08	SB-12 (2-4)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 15:40	02/06/18
L1804131-09	SB-12 (15-16)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/06/18 15:50	02/06/18
L1804131-10	SB-10 (20-22)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/07/18 09:20	02/07/18
L1804131-11	SB-10 (3-5)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/07/18 09:25	02/07/18
L1804131-12	SB-15 (10-11)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/09/18 08:55	02/09/18
L1804131-13	SB-15 (2-4)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/09/18 09:00	02/09/18
L1804131-14	SB-16 (12-13)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/09/18 11:00	02/09/18
L1804131-15	SB-16 (2-4)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/09/18 11:10	02/09/18
L1804131-16	SB-17 (8-9)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/09/18 12:25	02/09/18
L1804131-17	SB-17 (5-7)	SOIL	200 HAMILTON AVE., WHITE PLAINS, NY	02/09/18 12:35	02/09/18

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131
Project Number: 170029 **Report Date:** 02/13/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131
Project Number: 170029 **Report Date:** 02/13/18

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.

Volatile Organics

L1804131-07: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Total Metals

The WG1088167-3 MS recovery, performed on L1804131-13, is outside the acceptance criteria for mercury (0%). A post digestion spike was performed and yielded an unacceptable recovery of 124%. This has been attributed to sample matrix.

The WG1088167-4 Laboratory Duplicate RPD for mercury (46%), performed on L1804131-13, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

Solids, Total

L1804131-12 through -17: A Laboratory Duplicate was prepared with the sample batch, however, the native sample was not available for reporting; therefore, the Laboratory Duplicate results could not be reported.

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

Authorized Signature: Amita Naik

Title: Technical Director/Representative Date: 02/13/18

ORGANICS

VOLATILES

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-01 D
Client ID: SB-11 (17-19)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/12/18 10:43
Analyst: MV
Percent Solids: 88%

Date Collected: 02/06/18 11:00
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	550	100	10
Toluene	ND		ug/kg	820	110	10
Ethylbenzene	11000		ug/kg	550	93.	10
Methyl tert butyl ether	ND		ug/kg	1100	84.	10
p/m-Xylene	17000		ug/kg	1100	190	10
o-Xylene	1400		ug/kg	1100	180	10
Xylenes, Total	18000		ug/kg	1100	180	10
n-Butylbenzene	4000		ug/kg	550	120	10
sec-Butylbenzene	2300		ug/kg	550	120	10
tert-Butylbenzene	ND		ug/kg	2700	140	10
Isopropylbenzene	4100		ug/kg	550	110	10
p-Isopropyltoluene	1000		ug/kg	550	110	10
Naphthalene	3400		ug/kg	2700	76.	10
n-Propylbenzene	15000		ug/kg	550	120	10
1,3,5-Trimethylbenzene	17000		ug/kg	2700	88.	10
1,2,4-Trimethylbenzene	60000		ug/kg	2700	100	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	97		70-130

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-02
Client ID: SB-11 (5-7)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 11:35
Analyst: AD
Percent Solids: 89%

Date Collected: 02/06/18 11:05
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.1	0.20	1
Toluene	ND		ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.16	1
p/m-Xylene	ND		ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.36	1
Xylenes, Total	ND		ug/kg	2.1	0.36	1
n-Butylbenzene	ND		ug/kg	1.1	0.24	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.3	0.26	1
Isopropylbenzene	ND		ug/kg	1.1	0.21	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.22	1
Naphthalene	ND		ug/kg	5.3	0.15	1
n-Propylbenzene	ND		ug/kg	1.1	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-03 D
Client ID: SB-13 (10-12)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/12/18 11:09
Analyst: MV
Percent Solids: 92%

Date Collected: 02/06/18 12:00
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	560	110	10
Toluene	870		ug/kg	830	110	10
Ethylbenzene	14000		ug/kg	560	94.	10
Methyl tert butyl ether	ND		ug/kg	1100	85.	10
p/m-Xylene	54000		ug/kg	1100	200	10
o-Xylene	14000		ug/kg	1100	190	10
Xylenes, Total	68000		ug/kg	1100	190	10
n-Butylbenzene	4100		ug/kg	560	130	10
sec-Butylbenzene	2100		ug/kg	560	120	10
tert-Butylbenzene	ND		ug/kg	2800	140	10
Isopropylbenzene	3100		ug/kg	560	110	10
p-Isopropyltoluene	950		ug/kg	560	110	10
Naphthalene	5800		ug/kg	2800	77.	10
n-Propylbenzene	12000		ug/kg	560	120	10
1,3,5-Trimethylbenzene	22000		ug/kg	2800	90.	10
1,2,4-Trimethylbenzene	69000		ug/kg	2800	100	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-04
Client ID: SB-13 (3-5)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 12:03
Analyst: AD
Percent Solids: 87%

Date Collected: 02/06/18 12:05
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	0.99	0.19	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.99	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.15	1
p/m-Xylene	ND		ug/kg	2.0	0.35	1
o-Xylene	ND		ug/kg	2.0	0.33	1
Xylenes, Total	ND		ug/kg	2.0	0.33	1
n-Butylbenzene	ND		ug/kg	0.99	0.22	1
sec-Butylbenzene	ND		ug/kg	0.99	0.21	1
tert-Butylbenzene	ND		ug/kg	4.9	0.24	1
Isopropylbenzene	ND		ug/kg	0.99	0.19	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.20	1
Naphthalene	ND		ug/kg	4.9	0.14	1
n-Propylbenzene	ND		ug/kg	0.99	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.16	1
1,2,4-Trimethylbenzene	0.32	J	ug/kg	4.9	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-05 D
Client ID: SB-18 (12-14)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/12/18 11:36
Analyst: MV
Percent Solids: 94%

Date Collected: 02/06/18 13:05
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	940	180	20
Toluene	280	J	ug/kg	1400	180	20
Ethylbenzene	11000		ug/kg	940	160	20
Methyl tert butyl ether	ND		ug/kg	1900	140	20
p/m-Xylene	76000		ug/kg	1900	330	20
o-Xylene	2300		ug/kg	1900	320	20
Xylenes, Total	78000		ug/kg	1900	320	20
n-Butylbenzene	5200		ug/kg	940	210	20
sec-Butylbenzene	2900		ug/kg	940	200	20
tert-Butylbenzene	ND		ug/kg	4700	230	20
Isopropylbenzene	2400		ug/kg	940	180	20
p-Isopropyltoluene	1400		ug/kg	940	190	20
Naphthalene	6600		ug/kg	4700	130	20
n-Propylbenzene	7200		ug/kg	940	200	20
1,3,5-Trimethylbenzene	34000		ug/kg	4700	150	20
1,2,4-Trimethylbenzene	100000		ug/kg	4700	180	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-06
Client ID: SB-14 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 12:30
Analyst: AD
Percent Solids: 90%

Date Collected: 02/06/18 15:00
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	0.92	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	0.18	J	ug/kg	0.92	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.14	1
p/m-Xylene	0.66	J	ug/kg	1.8	0.32	1
o-Xylene	ND		ug/kg	1.8	0.31	1
Xylenes, Total	0.66	J	ug/kg	1.8	0.31	1
n-Butylbenzene	ND		ug/kg	0.92	0.21	1
sec-Butylbenzene	0.22	J	ug/kg	0.92	0.20	1
tert-Butylbenzene	0.58	J	ug/kg	4.6	0.23	1
Isopropylbenzene	ND		ug/kg	0.92	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.19	1
Naphthalene	0.85	J	ug/kg	4.6	0.13	1
n-Propylbenzene	ND		ug/kg	0.92	0.20	1
1,3,5-Trimethylbenzene	0.30	J	ug/kg	4.6	0.15	1
1,2,4-Trimethylbenzene	0.80	J	ug/kg	4.6	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-07 D
Client ID: SB-14 (15-16)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/12/18 12:02
Analyst: MV
Percent Solids: 89%

Date Collected: 02/06/18 15:10
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	120	J	ug/kg	610	120	10
Toluene	ND		ug/kg	920	120	10
Ethylbenzene	4900		ug/kg	610	100	10
Methyl tert butyl ether	ND		ug/kg	1200	94.	10
p/m-Xylene	16000		ug/kg	1200	220	10
o-Xylene	540	J	ug/kg	1200	210	10
Xylenes, Total	17000	J	ug/kg	1200	210	10
n-Butylbenzene	1400		ug/kg	610	140	10
sec-Butylbenzene	990		ug/kg	610	130	10
tert-Butylbenzene	190	J	ug/kg	3100	150	10
Isopropylbenzene	2500		ug/kg	610	120	10
p-Isopropyltoluene	1300		ug/kg	610	120	10
Naphthalene	2800	J	ug/kg	3100	84.	10
n-Propylbenzene	4100		ug/kg	610	130	10
1,3,5-Trimethylbenzene	11000		ug/kg	3100	99.	10
1,2,4-Trimethylbenzene	19000		ug/kg	3100	110	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	102		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-08
Client ID: SB-12 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 12:58
Analyst: AD
Percent Solids: 90%

Date Collected: 02/06/18 15:40
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	0.19	J	ug/kg	1.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.16	1
p/m-Xylene	0.49	J	ug/kg	2.0	0.36	1
o-Xylene	ND		ug/kg	2.0	0.35	1
Xylenes, Total	0.49	J	ug/kg	2.0	0.35	1
n-Butylbenzene	ND		ug/kg	1.0	0.23	1
sec-Butylbenzene	ND		ug/kg	1.0	0.22	1
tert-Butylbenzene	ND		ug/kg	5.1	0.25	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	0.32	J	ug/kg	5.1	0.14	1
n-Propylbenzene	ND		ug/kg	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	0.16	1
1,2,4-Trimethylbenzene	0.31	J	ug/kg	5.1	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-09
Client ID: SB-12 (15-16)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 13:25
Analyst: AD
Percent Solids: 88%

Date Collected: 02/06/18 15:50
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	0.93	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.93	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.14	1
p/m-Xylene	ND		ug/kg	1.9	0.33	1
o-Xylene	ND		ug/kg	1.9	0.31	1
Xylenes, Total	ND		ug/kg	1.9	0.31	1
n-Butylbenzene	ND		ug/kg	0.93	0.21	1
sec-Butylbenzene	ND		ug/kg	0.93	0.20	1
tert-Butylbenzene	ND		ug/kg	4.6	0.23	1
Isopropylbenzene	ND		ug/kg	0.93	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.19	1
Naphthalene	ND		ug/kg	4.6	0.13	1
n-Propylbenzene	ND		ug/kg	0.93	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-10
Client ID: SB-10 (20-22)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 13:53
Analyst: AD
Percent Solids: 92%

Date Collected: 02/07/18 09:20
Date Received: 02/07/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	0.97	0.19	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.97	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.15	1
p/m-Xylene	ND		ug/kg	1.9	0.34	1
o-Xylene	ND		ug/kg	1.9	0.33	1
Xylenes, Total	ND		ug/kg	1.9	0.33	1
n-Butylbenzene	ND		ug/kg	0.97	0.22	1
sec-Butylbenzene	ND		ug/kg	0.97	0.21	1
tert-Butylbenzene	ND		ug/kg	4.9	0.24	1
Isopropylbenzene	ND		ug/kg	0.97	0.19	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.20	1
Naphthalene	ND		ug/kg	4.9	0.13	1
n-Propylbenzene	ND		ug/kg	0.97	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-11
Client ID: SB-10 (3-5)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 14:21
Analyst: AD
Percent Solids: 93%

Date Collected: 02/07/18 09:25
Date Received: 02/07/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	0.93	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.93	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.14	1
p/m-Xylene	ND		ug/kg	1.9	0.33	1
o-Xylene	ND		ug/kg	1.9	0.31	1
Xylenes, Total	ND		ug/kg	1.9	0.31	1
n-Butylbenzene	ND		ug/kg	0.93	0.21	1
sec-Butylbenzene	ND		ug/kg	0.93	0.20	1
tert-Butylbenzene	ND		ug/kg	4.6	0.23	1
Isopropylbenzene	ND		ug/kg	0.93	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.19	1
Naphthalene	ND		ug/kg	4.6	0.13	1
n-Propylbenzene	ND		ug/kg	0.93	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	104		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-12
Client ID: SB-15 (10-11)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/12/18 09:51
Analyst: MV
Percent Solids: 83%

Date Collected: 02/09/18 08:55
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	0.36	J	ug/kg	1.2	0.20	1
Methyl tert butyl ether	2.4		ug/kg	2.4	0.18	1
p/m-Xylene	ND		ug/kg	2.4	0.41	1
o-Xylene	ND		ug/kg	2.4	0.40	1
Xylenes, Total	ND		ug/kg	2.4	0.40	1
n-Butylbenzene	6.4		ug/kg	1.2	0.27	1
sec-Butylbenzene	3.7		ug/kg	1.2	0.26	1
tert-Butylbenzene	0.31	J	ug/kg	5.9	0.29	1
Isopropylbenzene	1.4		ug/kg	1.2	0.23	1
p-Isopropyltoluene	0.91	J	ug/kg	1.2	0.24	1
Naphthalene	1.9	J	ug/kg	5.9	0.16	1
n-Propylbenzene	4.8		ug/kg	1.2	0.25	1
1,3,5-Trimethylbenzene	1.1	J	ug/kg	5.9	0.19	1
1,2,4-Trimethylbenzene	0.54	J	ug/kg	5.9	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	100		70-130

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-13
Client ID: SB-15 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 14:48
Analyst: AD
Percent Solids: 90%

Date Collected: 02/09/18 09:00
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	0.27	J	ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.18	1
p/m-Xylene	ND		ug/kg	2.4	0.41	1
o-Xylene	ND		ug/kg	2.4	0.40	1
Xylenes, Total	ND		ug/kg	2.4	0.40	1
n-Butylbenzene	ND		ug/kg	1.2	0.27	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	ND		ug/kg	5.9	0.29	1
Isopropylbenzene	ND		ug/kg	1.2	0.23	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	ND		ug/kg	5.9	0.16	1
n-Propylbenzene	ND		ug/kg	1.2	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-14
Client ID: SB-16 (12-13)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 15:16
Analyst: AD
Percent Solids: 82%

Date Collected: 02/09/18 11:00
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.1	0.21	1
Toluene	0.30	J	ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.18	1
Methyl tert butyl ether	37		ug/kg	2.2	0.16	1
p/m-Xylene	ND		ug/kg	2.2	0.38	1
o-Xylene	ND		ug/kg	2.2	0.36	1
Xylenes, Total	ND		ug/kg	2.2	0.36	1
n-Butylbenzene	ND		ug/kg	1.1	0.24	1
sec-Butylbenzene	0.25	J	ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.4	0.26	1
Isopropylbenzene	ND		ug/kg	1.1	0.21	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.22	1
Naphthalene	ND		ug/kg	5.4	0.15	1
n-Propylbenzene	ND		ug/kg	1.1	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	104		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-15
Client ID: SB-16 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 15:43
Analyst: AD
Percent Solids: 86%

Date Collected: 02/09/18 11:10
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	0.26	J	ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.18	1
p/m-Xylene	ND		ug/kg	2.4	0.42	1
o-Xylene	ND		ug/kg	2.4	0.41	1
Xylenes, Total	ND		ug/kg	2.4	0.41	1
n-Butylbenzene	ND		ug/kg	1.2	0.28	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	ND		ug/kg	6.0	0.30	1
Isopropylbenzene	ND		ug/kg	1.2	0.23	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	0.25	J	ug/kg	6.0	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.26	1
1,3,5-Trimethylbenzene	0.69	J	ug/kg	6.0	0.19	1
1,2,4-Trimethylbenzene	0.50	J	ug/kg	6.0	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-16
Client ID: SB-17 (8-9)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/12/18 10:17
Analyst: MV
Percent Solids: 80%

Date Collected: 02/09/18 12:25
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.2	0.23	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.18	1
p/m-Xylene	ND		ug/kg	2.4	0.41	1
o-Xylene	ND		ug/kg	2.4	0.40	1
Xylenes, Total	ND		ug/kg	2.4	0.40	1
n-Butylbenzene	ND		ug/kg	1.2	0.27	1
sec-Butylbenzene	ND		ug/kg	1.2	0.26	1
tert-Butylbenzene	0.34	J	ug/kg	5.9	0.29	1
Isopropylbenzene	1.1	J	ug/kg	1.2	0.23	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.24	1
Naphthalene	2.8	J	ug/kg	5.9	0.16	1
n-Propylbenzene	0.70	J	ug/kg	1.2	0.25	1
1,3,5-Trimethylbenzene	0.24	J	ug/kg	5.9	0.19	1
1,2,4-Trimethylbenzene	0.56	J	ug/kg	5.9	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	**160**	Q	70-130
Dibromofluoromethane	99		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-17
Client ID: SB-17 (5-7)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/10/18 16:11
Analyst: AD
Percent Solids: 93%

Date Collected: 02/09/18 12:35
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	0.47	J	ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.16	1
p/m-Xylene	ND		ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.35	1
Xylenes, Total	ND		ug/kg	2.1	0.35	1
n-Butylbenzene	ND		ug/kg	1.0	0.24	1
sec-Butylbenzene	ND		ug/kg	1.0	0.23	1
tert-Butylbenzene	ND		ug/kg	5.2	0.26	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	ND		ug/kg	5.2	0.14	1
n-Propylbenzene	ND		ug/kg	1.0	0.22	1
1,3,5-Trimethylbenzene	0.20	J	ug/kg	5.2	0.17	1
1,2,4-Trimethylbenzene	0.33	J	ug/kg	5.2	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/10/18 11:08
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02,04,06,08-11,13-15,17 Batch: WG1088368-5					
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/12/18 08:59
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 12,16 Batch: WG1088505-5					
Benzene	ND		ug/kg	1.0	0.19
Toluene	ND		ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Methyl tert butyl ether	0.21	J	ug/kg	2.0	0.15
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
Xylenes, Total	ND		ug/kg	2.0	0.34
n-Butylbenzene	ND		ug/kg	1.0	0.23
sec-Butylbenzene	ND		ug/kg	1.0	0.22
tert-Butylbenzene	ND		ug/kg	5.0	0.25
Isopropylbenzene	ND		ug/kg	1.0	0.19
p-Isopropyltoluene	ND		ug/kg	1.0	0.20
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.16
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.19

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/12/18 08:59
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03,05,07 Batch: WG1088551-5					
Benzene	ND		ug/kg	50	9.6
Toluene	ND		ug/kg	75	9.8
Ethylbenzene	ND		ug/kg	50	8.5
Methyl tert butyl ether	10	J	ug/kg	100	7.6
p/m-Xylene	ND		ug/kg	100	18.
o-Xylene	ND		ug/kg	100	17.
Xylenes, Total	ND		ug/kg	100	17.
n-Butylbenzene	ND		ug/kg	50	11.
sec-Butylbenzene	ND		ug/kg	50	11.
tert-Butylbenzene	ND		ug/kg	250	12.
Isopropylbenzene	ND		ug/kg	50	9.7
p-Isopropyltoluene	ND		ug/kg	50	10.
Naphthalene	ND		ug/kg	250	6.9
n-Propylbenzene	ND		ug/kg	50	11.
1,3,5-Trimethylbenzene	ND		ug/kg	250	8.0
1,2,4-Trimethylbenzene	ND		ug/kg	250	9.3

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 200 HAMILTON AVENUE

Project Number: 170029

Lab Number: L1804131

Report Date: 02/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02,04,06,08-11,13-15,17 Batch: WG1088368-3 WG1088368-4								
Benzene	84		84		70-130	0		30
Toluene	96		96		70-130	0		30
Ethylbenzene	103		104		70-130	1		30
Methyl tert butyl ether	76		76		66-130	0		30
p/m-Xylene	102		104		70-130	2		30
o-Xylene	102		102		70-130	0		30
n-Butylbenzene	113		115		70-130	2		30
sec-Butylbenzene	112		115		70-130	3		30
tert-Butylbenzene	112		114		70-130	2		30
Isopropylbenzene	108		110		70-130	2		30
p-Isopropyltoluene	116		117		70-130	1		30
Naphthalene	87		96		70-130	10		30
n-Propylbenzene	108		109		70-130	1		30
1,3,5-Trimethylbenzene	110		111		70-130	1		30
1,2,4-Trimethylbenzene	108		110		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 200 HAMILTON AVENUE

Project Number: 170029

Lab Number: L1804131

Report Date: 02/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 12,16 Batch: WG1088505-3 WG1088505-4								
Benzene	93		92		70-130	1		30
Toluene	92		91		70-130	1		30
Ethylbenzene	97		96		70-130	1		30
Methyl tert butyl ether	96		95		66-130	1		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	102		101		70-130	1		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	96		93		70-130	3		30
tert-Butylbenzene	96		93		70-130	3		30
Isopropylbenzene	98		94		70-130	4		30
p-Isopropyltoluene	96		94		70-130	2		30
Naphthalene	95		98		70-130	3		30
n-Propylbenzene	97		94		70-130	3		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	97		94		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		110		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	103		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 200 HAMILTON AVENUE

Project Number: 170029

Lab Number: L1804131

Report Date: 02/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03,05,07 Batch: WG1088551-3 WG1088551-4								
Benzene	93		92		70-130	1		30
Toluene	92		91		70-130	1		30
Ethylbenzene	97		96		70-130	1		30
Methyl tert butyl ether	96		95		66-130	1		30
p/m-Xylene	98		97		70-130	1		30
o-Xylene	102		101		70-130	1		30
n-Butylbenzene	96		94		70-130	2		30
sec-Butylbenzene	96		93		70-130	3		30
tert-Butylbenzene	96		93		70-130	3		30
Isopropylbenzene	98		94		70-130	4		30
p-Isopropyltoluene	96		94		70-130	2		30
Naphthalene	95		98		70-130	3		30
n-Propylbenzene	97		94		70-130	3		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	97		94		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		110		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	103		102		70-130

SEMIVOLATILES

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-02
Client ID: SB-11 (5-7)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/10/18 03:23
Analyst: RC
Percent Solids: 89%

Date Collected: 02/06/18 11:05
Date Received: 02/06/18
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/08/18 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Fluoranthene	ND		ug/kg	110	22.	1
Naphthalene	ND		ug/kg	190	23.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	85		30-120
4-Terphenyl-d14	104		18-120

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-04
Client ID: SB-13 (3-5)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/10/18 03:47
Analyst: RC
Percent Solids: 87%

Date Collected: 02/06/18 12:05
Date Received: 02/06/18
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/08/18 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Fluoranthene	ND		ug/kg	110	22.	1
Naphthalene	ND		ug/kg	190	23.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	104		18-120

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-06
Client ID: SB-14 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/10/18 06:59
Analyst: RC
Percent Solids: 90%

Date Collected: 02/06/18 15:00
Date Received: 02/06/18
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/08/18 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	140	19.	1
Fluoranthene	550		ug/kg	110	21.	1
Naphthalene	30	J	ug/kg	180	22.	1
Benzo(a)anthracene	240		ug/kg	110	20.	1
Benzo(a)pyrene	240		ug/kg	140	44.	1
Benzo(b)fluoranthene	330		ug/kg	110	31.	1
Benzo(k)fluoranthene	95	J	ug/kg	110	29.	1
Chrysene	210		ug/kg	110	19.	1
Acenaphthylene	47	J	ug/kg	140	28.	1
Anthracene	88	J	ug/kg	110	36.	1
Benzo(ghi)perylene	190		ug/kg	140	21.	1
Fluorene	18	J	ug/kg	180	18.	1
Phenanthrene	120		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	51	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	140	25.	1
Pyrene	440		ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	109		18-120

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-08
Client ID: SB-12 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/10/18 04:59
Analyst: RC
Percent Solids: 90%

Date Collected: 02/06/18 15:40
Date Received: 02/06/18
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/08/18 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Fluoranthene	24	J	ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	24	J	ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	113		18-120

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-11
Client ID: SB-10 (3-5)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/10/18 04:35
Analyst: RC
Percent Solids: 93%

Date Collected: 02/07/18 09:25
Date Received: 02/07/18
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/08/18 22:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Fluoranthene	ND		ug/kg	110	20.	1
Naphthalene	ND		ug/kg	180	22.	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	**123**	Q	18-120

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-13
Client ID: SB-15 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/11/18 17:36
Analyst: TT
Percent Solids: 90%

Date Collected: 02/09/18 09:00
Date Received: 02/09/18
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/10/18 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Fluoranthene	38	J	ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	36	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	50	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	30	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	28	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	30	J	ug/kg	150	26.	1
Pyrene	39	J	ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	88		30-120
4-Terphenyl-d14	94		18-120

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-15
Client ID: SB-16 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/13/18 05:37
Analyst: RC
Percent Solids: 86%

Date Collected: 02/09/18 11:10
Date Received: 02/09/18
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/10/18 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Fluoranthene	440		ug/kg	110	22.	1
Naphthalene	ND		ug/kg	190	23.	1
Benzo(a)anthracene	240		ug/kg	110	22.	1
Benzo(a)pyrene	230		ug/kg	150	47.	1
Benzo(b)fluoranthene	320		ug/kg	110	32.	1
Benzo(k)fluoranthene	120		ug/kg	110	31.	1
Chrysene	210		ug/kg	110	20.	1
Acenaphthylene	89	J	ug/kg	150	30.	1
Anthracene	68	J	ug/kg	110	37.	1
Benzo(ghi)perylene	160		ug/kg	150	22.	1
Fluorene	30	J	ug/kg	190	19.	1
Phenanthrene	240		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	48	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	190		ug/kg	150	27.	1
Pyrene	370		ug/kg	110	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	83		30-120
4-Terphenyl-d14	81		18-120

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-17
Client ID: SB-17 (5-7)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/13/18 06:01
Analyst: RC
Percent Solids: 93%

Date Collected: 02/09/18 12:35
Date Received: 02/09/18
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 02/10/18 07:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	88	J	ug/kg	140	18.	1
Fluoranthene	5300		ug/kg	110	20.	1
Naphthalene	50	J	ug/kg	180	22.	1
Benzo(a)anthracene	2800		ug/kg	110	20.	1
Benzo(a)pyrene	2400		ug/kg	140	43.	1
Benzo(b)fluoranthene	3300		ug/kg	110	30.	1
Benzo(k)fluoranthene	850		ug/kg	110	28.	1
Chrysene	2200		ug/kg	110	18.	1
Acenaphthylene	430		ug/kg	140	27.	1
Anthracene	960		ug/kg	110	35.	1
Benzo(ghi)perylene	1500		ug/kg	140	21.	1
Fluorene	190		ug/kg	180	17.	1
Phenanthrene	2700		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	410		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	1800		ug/kg	140	25.	1
Pyrene	4200		ug/kg	110	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	70		18-120

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/18 08:50
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/08/18 22:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,11 Batch: WG1087801-1					
Acenaphthene	ND		ug/kg	130	17.
Fluoranthene	ND		ug/kg	97	18.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	39.
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.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/18 08:50
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/08/18 22:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04,06,08,11 Batch: WG1087801-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	111		18-120

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/18 11:49
Analyst: TT

Extraction Method: EPA 3546
Extraction Date: 02/10/18 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13,15,17 Batch: WG1088188-1					
Acenaphthene	ND		ug/kg	130	17.
Fluoranthene	ND		ug/kg	98	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/12/18 11:49
Analyst: TT

Extraction Method: EPA 3546
Extraction Date: 02/10/18 07:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 13,15,17 Batch: WG1088188-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	77		10-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,11 Batch: WG1087801-2 WG1087801-3								
Acenaphthene	80		97		31-137	19		50
Fluoranthene	87		104		40-140	18		50
Naphthalene	76		88		40-140	15		50
Benzo(a)anthracene	83		101		40-140	20		50
Benzo(a)pyrene	88		106		40-140	19		50
Benzo(b)fluoranthene	86		102		40-140	17		50
Benzo(k)fluoranthene	84		104		40-140	21		50
Chrysene	82		97		40-140	17		50
Acenaphthylene	84		102		40-140	19		50
Anthracene	83		102		40-140	21		50
Benzo(ghi)perylene	84		102		40-140	19		50
Fluorene	84		100		40-140	17		50
Phenanthrene	80		98		40-140	20		50
Dibenzo(a,h)anthracene	87		105		40-140	19		50
Indeno(1,2,3-cd)pyrene	102		109		40-140	7		50
Pyrene	84		101		35-142	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04,06,08,11 Batch: WG1087801-2 WG1087801-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		96		25-120
Phenol-d6	85		99		10-120
Nitrobenzene-d5	79		105		23-120
2-Fluorobiphenyl	84		99		30-120
2,4,6-Tribromophenol	96		114		10-136
4-Terphenyl-d14	96		113		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,15,17 Batch: WG1088188-2 WG1088188-3								
Acenaphthene	83		75		31-137	10		50
Fluoranthene	88		82		40-140	7		50
Naphthalene	76		69		40-140	10		50
Benzo(a)anthracene	87		80		40-140	8		50
Benzo(a)pyrene	92		83		40-140	10		50
Benzo(b)fluoranthene	92		85		40-140	8		50
Benzo(k)fluoranthene	86		74		40-140	15		50
Chrysene	82		77		40-140	6		50
Acenaphthylene	86		80		40-140	7		50
Anthracene	87		81		40-140	7		50
Benzo(ghi)perylene	87		81		40-140	7		50
Fluorene	86		78		40-140	10		50
Phenanthrene	82		77		40-140	6		50
Dibenzo(a,h)anthracene	88		82		40-140	7		50
Indeno(1,2,3-cd)pyrene	91		86		40-140	6		50
Pyrene	85		80		35-142	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 13,15,17 Batch: WG1088188-2 WG1088188-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	79		71		25-120
Phenol-d6	83		74		10-120
Nitrobenzene-d5	83		80		23-120
2-Fluorobiphenyl	81		75		30-120
2,4,6-Tribromophenol	90		83		10-136
4-Terphenyl-d14	91		83		18-120

METALS

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-02
Client ID: SB-11 (5-7)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Percent Solids: 89%

Date Collected: 02/06/18 11:05
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.30		mg/kg	0.438	0.091	1	02/07/18 21:10	02/12/18 17:30	EPA 3050B	1,6010C	AB
Barium, Total	80.5		mg/kg	0.438	0.076	1	02/07/18 21:10	02/12/18 17:30	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.438	0.043	1	02/07/18 21:10	02/12/18 17:30	EPA 3050B	1,6010C	AB
Chromium, Total	18.5		mg/kg	0.438	0.042	1	02/07/18 21:10	02/12/18 17:30	EPA 3050B	1,6010C	AB
Lead, Total	4.32		mg/kg	2.19	0.117	1	02/07/18 21:10	02/12/18 17:30	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	02/08/18 08:00	02/08/18 19:36	EPA 7471B	1,7471B	EA
Selenium, Total	ND		mg/kg	0.876	0.113	1	02/07/18 21:10	02/12/18 17:30	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.438	0.124	1	02/07/18 21:10	02/12/18 17:30	EPA 3050B	1,6010C	AB
Zinc, Total	32.3		mg/kg	2.19	0.128	1	02/07/18 21:10	02/12/18 17:30	EPA 3050B	1,6010C	AB

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-04
Client ID: SB-13 (3-5)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Percent Solids: 87%

Date Collected: 02/06/18 12:05
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.73		mg/kg	0.452	0.094	1	02/07/18 21:10	02/12/18 17:35	EPA 3050B	1,6010C	AB
Barium, Total	95.6		mg/kg	0.452	0.079	1	02/07/18 21:10	02/12/18 17:35	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.452	0.044	1	02/07/18 21:10	02/12/18 17:35	EPA 3050B	1,6010C	AB
Chromium, Total	21.0		mg/kg	0.452	0.043	1	02/07/18 21:10	02/12/18 17:35	EPA 3050B	1,6010C	AB
Lead, Total	14.1		mg/kg	2.26	0.121	1	02/07/18 21:10	02/12/18 17:35	EPA 3050B	1,6010C	AB
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	02/08/18 08:00	02/08/18 19:38	EPA 7471B	1,7471B	EA
Selenium, Total	ND		mg/kg	0.904	0.117	1	02/07/18 21:10	02/12/18 17:35	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.452	0.128	1	02/07/18 21:10	02/12/18 17:35	EPA 3050B	1,6010C	AB
Zinc, Total	42.0		mg/kg	2.26	0.132	1	02/07/18 21:10	02/12/18 17:35	EPA 3050B	1,6010C	AB

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-06
Client ID: SB-14 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Percent Solids: 90%

Date Collected: 02/06/18 15:00
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.04		mg/kg	0.431	0.090	1	02/07/18 21:10	02/12/18 17:40	EPA 3050B	1,6010C	AB
Barium, Total	92.7		mg/kg	0.431	0.075	1	02/07/18 21:10	02/12/18 17:40	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.431	0.042	1	02/07/18 21:10	02/12/18 17:40	EPA 3050B	1,6010C	AB
Chromium, Total	19.9		mg/kg	0.431	0.041	1	02/07/18 21:10	02/12/18 17:40	EPA 3050B	1,6010C	AB
Lead, Total	140		mg/kg	2.15	0.115	1	02/07/18 21:10	02/12/18 17:40	EPA 3050B	1,6010C	AB
Mercury, Total	0.09		mg/kg	0.07	0.02	1	02/08/18 08:00	02/08/18 19:40	EPA 7471B	1,7471B	EA
Selenium, Total	ND		mg/kg	0.862	0.111	1	02/07/18 21:10	02/12/18 17:40	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.431	0.122	1	02/07/18 21:10	02/12/18 17:40	EPA 3050B	1,6010C	AB
Zinc, Total	66.5		mg/kg	2.15	0.126	1	02/07/18 21:10	02/12/18 17:40	EPA 3050B	1,6010C	AB

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-08
Client ID: SB-12 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Percent Solids: 90%

Date Collected: 02/06/18 15:40
Date Received: 02/06/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.77		mg/kg	0.420	0.087	1	02/07/18 21:10	02/12/18 17:45	EPA 3050B	1,6010C	AB
Barium, Total	292		mg/kg	0.420	0.073	1	02/07/18 21:10	02/12/18 17:45	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.420	0.041	1	02/07/18 21:10	02/12/18 17:45	EPA 3050B	1,6010C	AB
Chromium, Total	113		mg/kg	0.420	0.040	1	02/07/18 21:10	02/12/18 17:45	EPA 3050B	1,6010C	AB
Lead, Total	6.66		mg/kg	2.10	0.112	1	02/07/18 21:10	02/12/18 17:45	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	02/08/18 08:00	02/08/18 19:42	EPA 7471B	1,7471B	EA
Selenium, Total	ND		mg/kg	0.839	0.108	1	02/07/18 21:10	02/12/18 17:45	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.420	0.119	1	02/07/18 21:10	02/12/18 17:45	EPA 3050B	1,6010C	AB
Zinc, Total	59.2		mg/kg	2.10	0.123	1	02/07/18 21:10	02/12/18 17:45	EPA 3050B	1,6010C	AB

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-11
Client ID: SB-10 (3-5)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Percent Solids: 93%

Date Collected: 02/07/18 09:25
Date Received: 02/07/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.05		mg/kg	0.414	0.086	1	02/08/18 07:00	02/08/18 12:41	EPA 3050B	1,6010C	LC
Barium, Total	158		mg/kg	0.414	0.072	1	02/08/18 07:00	02/08/18 12:41	EPA 3050B	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.414	0.041	1	02/08/18 07:00	02/08/18 12:41	EPA 3050B	1,6010C	LC
Chromium, Total	39.5		mg/kg	0.414	0.040	1	02/08/18 07:00	02/08/18 12:41	EPA 3050B	1,6010C	LC
Lead, Total	10.2		mg/kg	2.07	0.111	1	02/08/18 07:00	02/08/18 12:41	EPA 3050B	1,6010C	LC
Mercury, Total	ND		mg/kg	0.07	0.01	1	02/08/18 08:00	02/08/18 19:44	EPA 7471B	1,7471B	EA
Selenium, Total	0.116	J	mg/kg	0.828	0.107	1	02/08/18 07:00	02/08/18 12:41	EPA 3050B	1,6010C	LC
Silver, Total	ND		mg/kg	0.414	0.117	1	02/08/18 07:00	02/08/18 12:41	EPA 3050B	1,6010C	LC
Zinc, Total	56.1		mg/kg	2.07	0.121	1	02/08/18 07:00	02/08/18 12:41	EPA 3050B	1,6010C	LC

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-13
Client ID: SB-15 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Percent Solids: 90%

Date Collected: 02/09/18 09:00
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.46		mg/kg	0.426	0.089	1	02/10/18 07:00	02/12/18 11:50	EPA 3050B	1,6010C	PS
Barium, Total	55.3		mg/kg	0.426	0.074	1	02/10/18 07:00	02/12/18 11:50	EPA 3050B	1,6010C	PS
Cadmium, Total	0.439		mg/kg	0.426	0.042	1	02/10/18 07:00	02/12/18 11:50	EPA 3050B	1,6010C	PS
Chromium, Total	14.7		mg/kg	0.426	0.041	1	02/10/18 07:00	02/12/18 11:50	EPA 3050B	1,6010C	PS
Lead, Total	40.9		mg/kg	2.13	0.114	1	02/10/18 07:00	02/12/18 11:50	EPA 3050B	1,6010C	PS
Mercury, Total	0.40		mg/kg	0.07	0.02	1	02/10/18 11:00	02/12/18 11:34	EPA 7471B	1,7471B	MG
Selenium, Total	ND		mg/kg	0.853	0.110	1	02/10/18 07:00	02/12/18 11:50	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.426	0.121	1	02/10/18 07:00	02/12/18 11:50	EPA 3050B	1,6010C	PS
Zinc, Total	41.4		mg/kg	2.13	0.125	1	02/10/18 07:00	02/12/18 11:50	EPA 3050B	1,6010C	PS

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-15
Client ID: SB-16 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Percent Solids: 86%

Date Collected: 02/09/18 11:10
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.69		mg/kg	0.453	0.094	1	02/10/18 07:00	02/12/18 14:19	EPA 3050B	1,6010C	PS
Barium, Total	59.8		mg/kg	0.453	0.079	1	02/10/18 07:00	02/12/18 14:19	EPA 3050B	1,6010C	PS
Cadmium, Total	0.526		mg/kg	0.453	0.044	1	02/10/18 07:00	02/12/18 14:19	EPA 3050B	1,6010C	PS
Chromium, Total	12.8		mg/kg	0.453	0.044	1	02/10/18 07:00	02/12/18 14:19	EPA 3050B	1,6010C	PS
Lead, Total	8.19		mg/kg	2.27	0.121	1	02/10/18 07:00	02/12/18 14:19	EPA 3050B	1,6010C	PS
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	02/10/18 11:00	02/12/18 11:41	EPA 7471B	1,7471B	MG
Selenium, Total	ND		mg/kg	0.907	0.117	1	02/10/18 07:00	02/12/18 14:19	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.453	0.128	1	02/10/18 07:00	02/12/18 14:19	EPA 3050B	1,6010C	PS
Zinc, Total	26.9		mg/kg	2.27	0.133	1	02/10/18 07:00	02/12/18 14:19	EPA 3050B	1,6010C	PS

Project Name: 200 HAMILTON AVENUE
Lab Number: L1804131
Project Number: 170029
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-17
Client ID: SB-17 (5-7)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil
Percent Solids: 93%

Date Collected: 02/09/18 12:35
Date Received: 02/09/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.92		mg/kg	0.402	0.084	1	02/10/18 07:00	02/12/18 14:24	EPA 3050B	1,6010C	PS
Barium, Total	56.6		mg/kg	0.402	0.070	1	02/10/18 07:00	02/12/18 14:24	EPA 3050B	1,6010C	PS
Cadmium, Total	0.574		mg/kg	0.402	0.039	1	02/10/18 07:00	02/12/18 14:24	EPA 3050B	1,6010C	PS
Chromium, Total	12.0		mg/kg	0.402	0.039	1	02/10/18 07:00	02/12/18 14:24	EPA 3050B	1,6010C	PS
Lead, Total	16.5		mg/kg	2.01	0.108	1	02/10/18 07:00	02/12/18 14:24	EPA 3050B	1,6010C	PS
Mercury, Total	0.05	J	mg/kg	0.07	0.01	1	02/10/18 11:00	02/12/18 11:43	EPA 7471B	1,7471B	MG
Selenium, Total	0.108	J	mg/kg	0.803	0.104	1	02/10/18 07:00	02/12/18 14:24	EPA 3050B	1,6010C	PS
Silver, Total	ND		mg/kg	0.402	0.114	1	02/10/18 07:00	02/12/18 14:24	EPA 3050B	1,6010C	PS
Zinc, Total	38.8		mg/kg	2.01	0.118	1	02/10/18 07:00	02/12/18 14:24	EPA 3050B	1,6010C	PS

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04,06,08 Batch: WG1087407-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/07/18 21:10	02/12/18 15:16	1,6010C	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/07/18 21:10	02/12/18 15:16	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/07/18 21:10	02/12/18 15:16	1,6010C	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/07/18 21:10	02/12/18 15:16	1,6010C	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/07/18 21:10	02/12/18 15:16	1,6010C	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/07/18 21:10	02/12/18 15:16	1,6010C	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	02/07/18 21:10	02/12/18 15:16	1,6010C	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/07/18 21:10	02/12/18 15:16	1,6010C	LC

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): 02,04,06,08,11 Batch: WG1087472-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	02/08/18 08:00	02/08/18 19:07	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11 Batch: WG1087494-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/08/18 07:00	02/08/18 12:03	1,6010C	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/08/18 07:00	02/08/18 12:03	1,6010C	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/08/18 07:00	02/08/18 12:03	1,6010C	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/08/18 07:00	02/08/18 12:03	1,6010C	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/08/18 07:00	02/08/18 12:03	1,6010C	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/08/18 07:00	02/08/18 12:03	1,6010C	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	02/08/18 07:00	02/08/18 12:03	1,6010C	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/08/18 07:00	02/08/18 12:03	1,6010C	LC

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1804131

Project Number: 170029 **Report Date:** 02/13/18

Method Blank Analysis
Batch Quality Control

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): 13,15,17 Batch: WG1088164-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	02/10/18 07:00	02/12/18 11:08	1,6010C	PS
Barium, Total	ND		mg/kg	0.400	0.070	1	02/10/18 07:00	02/12/18 11:08	1,6010C	PS
Cadmium, Total	0.040	J	mg/kg	0.400	0.039	1	02/10/18 07:00	02/12/18 11:08	1,6010C	PS
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/10/18 07:00	02/12/18 11:08	1,6010C	PS
Lead, Total	ND		mg/kg	2.00	0.107	1	02/10/18 07:00	02/12/18 11:08	1,6010C	PS
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/10/18 07:00	02/12/18 11:08	1,6010C	PS
Silver, Total	ND		mg/kg	0.400	0.113	1	02/10/18 07:00	02/12/18 11:08	1,6010C	PS
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/10/18 07:00	02/12/18 11:08	1,6010C	PS

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): 13,15,17 Batch: WG1088167-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	02/10/18 11:00	02/12/18 11:30	1,7471B	MG

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 200 HAMILTON AVENUE

Project Number: 170029

Lab Number: L1804131

Report Date: 02/13/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08 Batch: WG1087407-2 SRM Lot Number: D098-540								
Arsenic, Total	98		-		83-117	-		
Barium, Total	86		-		82-118	-		
Cadmium, Total	94		-		82-117	-		
Chromium, Total	92		-		83-119	-		
Lead, Total	92		-		82-117	-		
Selenium, Total	100		-		78-121	-		
Silver, Total	99		-		80-120	-		
Zinc, Total	96		-		81-119	-		
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,11 Batch: WG1087472-2 SRM Lot Number: D098-540								
Mercury, Total	102		-		50-149	-		
Total Metals - Mansfield Lab Associated sample(s): 11 Batch: WG1087494-2 SRM Lot Number: D098-540								
Arsenic, Total	113		-		83-117	-		
Barium, Total	101		-		82-118	-		
Cadmium, Total	107		-		82-117	-		
Chromium, Total	102		-		83-119	-		
Lead, Total	102		-		82-117	-		
Selenium, Total	113		-		78-121	-		
Silver, Total	111		-		80-120	-		
Zinc, Total	102		-		81-119	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 200 HAMILTON AVENUE

Project Number: 170029

Lab Number: L1804131

Report Date: 02/13/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13,15,17 Batch: WG1088164-2 SRM Lot Number: D098-540					
Arsenic, Total	98	-	83-117	-	
Barium, Total	92	-	82-118	-	
Cadmium, Total	93	-	82-117	-	
Chromium, Total	92	-	83-119	-	
Lead, Total	93	-	82-117	-	
Selenium, Total	95	-	78-121	-	
Silver, Total	98	-	80-120	-	
Zinc, Total	94	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 13,15,17 Batch: WG1088167-2 SRM Lot Number: D098-540					
Mercury, Total	94	-	50-149	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08 QC Batch ID: WG1087407-3 QC Sample: L1804089-03 Client ID: MS Sample												
Arsenic, Total	2.64	12.8	13.1	82		-	-		75-125	-		20
Barium, Total	721.	214	660	**0**	Q	-	-		75-125	-		20
Cadmium, Total	ND	5.45	4.67	86		-	-		75-125	-		20
Chromium, Total	11.9	21.4	32.0	94		-	-		75-125	-		20
Lead, Total	12.4	54.5	57.3	82		-	-		75-125	-		20
Selenium, Total	ND	12.8	10.2	80		-	-		75-125	-		20
Silver, Total	0.628J	32	30.3	94		-	-		75-125	-		20
Zinc, Total	101.	53.4	140	**73**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,11 QC Batch ID: WG1087472-3 QC Sample: L1804036-01 Client ID: MS Sample												
Mercury, Total	ND	0.161	0.20	**124**	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1087494-3 QC Sample: L1803664-15 Client ID: MS Sample												
Arsenic, Total	1.83	10.1	10.6	87		-	-		75-125	-		20
Barium, Total	60.6	168	186	**74**	Q	-	-		75-125	-		20
Cadmium, Total	ND	4.29	3.02	**70**	Q	-	-		75-125	-		20
Chromium, Total	7.36	16.8	18.7	**67**	Q	-	-		75-125	-		20
Lead, Total	8.03	42.9	35.5	**64**	Q	-	-		75-125	-		20
Selenium, Total	0.874	10.1	11.1	101		-	-		75-125	-		20
Silver, Total	0.157J	25.2	26.2	104		-	-		75-125	-		20
Zinc, Total	25.8	42.1	51.5	**61**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

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): 13,15,17 QC Batch ID: WG1088164-3 QC Sample: L1804693-01 Client ID: MS Sample										
Arsenic, Total	20.1	12.7	34.1	110		-	-	75-125	-	20
Barium, Total	93.6	212	300	97		-	-	75-125	-	20
Cadmium, Total	3.46	5.42	8.43	92		-	-	75-125	-	20
Chromium, Total	141.	21.2	161	94		-	-	75-125	-	20
Lead, Total	198.	54.2	232	**63**	Q	-	-	75-125	-	20
Selenium, Total	ND	12.7	11.7	92		-	-	75-125	-	20
Silver, Total	0.191J	31.8	32.9	103		-	-	75-125	-	20
Zinc, Total	43.7	53.1	92.2	91		-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 13,15,17 QC Batch ID: WG1088167-3 QC Sample: L1804131-13 Client ID: SB-15 (2-4)										
Mercury, Total	0.40	0.139	0.36	**0**	Q	-	-	80-120	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08 QC Batch ID: WG1087407-4 QC Sample: L1804089-03 Client ID: DUP Sample						
Arsenic, Total	2.64	2.18	mg/kg	19		20
Barium, Total	721.	448	mg/kg	**47**	Q	20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	11.9	17.8	mg/kg	**40**	Q	20
Lead, Total	12.4	52.6	mg/kg	**124**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	0.628J	0.440J	mg/kg	NC		20
Zinc, Total	101.	140	mg/kg	**32**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 02,04,06,08,11 QC Batch ID: WG1087472-4 QC Sample: L1804036-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1087494-4 QC Sample: L1803664-15 Client ID: DUP Sample						
Chromium, Total	7.36	6.06	mg/kg	19		20
Total Metals - Mansfield Lab Associated sample(s): 13,15,17 QC Batch ID: WG1088164-4 QC Sample: L1804693-01 Client ID: DUP Sample						
Lead, Total	198.	196	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 13,15,17 QC Batch ID: WG1088167-4 QC Sample: L1804131-13 Client ID: SB-15 (2-4)						
Mercury, Total	0.40	0.25	mg/kg	**46**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-01
Client ID: SB-11 (17-19)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 11:00
Date Received: 02/06/18
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	88.2		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-02
Client ID: SB-11 (5-7)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 11:05
Date Received: 02/06/18
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	88.6		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-03
Client ID: SB-13 (10-12)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 12:00
Date Received: 02/06/18
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	92.0		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-04
Client ID: SB-13 (3-5)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 12:05
Date Received: 02/06/18
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	87.3		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-05
Client ID: SB-18 (12-14)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 13:05
Date Received: 02/06/18
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	94.4		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-06
Client ID: SB-14 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 15:00
Date Received: 02/06/18
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	90.3		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-07
Client ID: SB-14 (15-16)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 15:10
Date Received: 02/06/18
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	89.0		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-08
Client ID: SB-12 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 15:40
Date Received: 02/06/18
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	90.0		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-09
Client ID: SB-12 (15-16)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/06/18 15:50
Date Received: 02/06/18
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	88.0		%	0.100	NA	1	-	02/07/18 12:03	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-10
Client ID: SB-10 (20-22)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/18 09:20
Date Received: 02/07/18
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	91.6		%	0.100	NA	1	-	02/08/18 00:57	121,2540G	FN

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-11
Client ID: SB-10 (3-5)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/07/18 09:25
Date Received: 02/07/18
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	92.6		%	0.100	NA	1	-	02/08/18 00:57	121,2540G	FN

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-12
Client ID: SB-15 (10-11)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/09/18 08:55
Date Received: 02/09/18
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	83.1		%	0.100	NA	1	-	02/10/18 11:06	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-13
Client ID: SB-15 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/09/18 09:00
Date Received: 02/09/18
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	90.0		%	0.100	NA	1	-	02/10/18 11:06	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-14
Client ID: SB-16 (12-13)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/09/18 11:00
Date Received: 02/09/18
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	81.5		%	0.100	NA	1	-	02/10/18 11:06	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-15
Client ID: SB-16 (2-4)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/09/18 11:10
Date Received: 02/09/18
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	86.3		%	0.100	NA	1	-	02/10/18 11:06	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-16
Client ID: SB-17 (8-9)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/09/18 12:25
Date Received: 02/09/18
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	80.1		%	0.100	NA	1	-	02/10/18 11:06	121,2540G	RI

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1804131
Report Date: 02/13/18

SAMPLE RESULTS

Lab ID: L1804131-17
Client ID: SB-17 (5-7)
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Soil

Date Collected: 02/09/18 12:35
Date Received: 02/09/18
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	93.4		%	0.100	NA	1	-	02/10/18 11:06	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1087274-1 QC Sample: L1804097-01 Client ID: DUP Sample						
Solids, Total	86.8	86.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 10-11 QC Batch ID: WG1087465-1 QC Sample: L1804250-01 Client ID: DUP Sample						
Solids, Total	89.5	90.6	%	1		20

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent
A2	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1804131-01A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-01B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-01C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-01D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1804131-01X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-01Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-01Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-02A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-02B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-02C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-02D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1804131-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1804131-02F	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYCP51-PAH(14)
L1804131-02X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-02Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-02Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-03A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-03B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-03C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-03D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1804131-03X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-03Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-03Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-04A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-04B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-04C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-04D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1804131-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1804131-04F	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYCP51-PAH(14)
L1804131-04X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-04Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-04Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-05A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-05B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-05C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-05D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1804131-05X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-05Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-05Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-06A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-06B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-06C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-06D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1804131-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1804131-06F	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYCP51-PAH(14)
L1804131-06X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-06Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1804131-06Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-07A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-07B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-07C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-07D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1804131-07X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-07Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-07Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-08A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-08B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-08C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-08D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1804131-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1804131-08F	Glass 120ml/4oz unpreserved	A	NA		3.5	Y	Absent		NYCP51-PAH(14)
L1804131-08X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-08Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-08Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-09A	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-09B	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-09C	5 gram Encore Sampler	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-09D	Plastic 2oz unpreserved for TS	A	NA		3.5	Y	Absent		TS(7)
L1804131-09X	Vial MeOH preserved split	A	NA		3.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-09Y	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-09Z	Vial Water preserved split	A	NA		3.5	Y	Absent	07-FEB-18 09:16	NYCP51-8260HLW(14)
L1804131-10A	5 gram Encore Sampler	A1	NA		2.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-10B	5 gram Encore Sampler	A1	NA		2.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-10C	5 gram Encore Sampler	A1	NA		2.5	Y	Absent		NYCP51-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1804131-10D	Plastic 2oz unpreserved for TS	A1	NA		2.5	Y	Absent		TS(7)
L1804131-10X	Vial MeOH preserved split	A1	NA		2.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-10Y	Vial Water preserved split	A1	NA		2.5	Y	Absent	08-FEB-18 02:07	NYCP51-8260HLW(14)
L1804131-10Z	Vial Water preserved split	A1	NA		2.5	Y	Absent	08-FEB-18 02:07	NYCP51-8260HLW(14)
L1804131-11A	5 gram Encore Sampler	A1	NA		2.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-11B	5 gram Encore Sampler	A1	NA		2.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-11C	5 gram Encore Sampler	A1	NA		2.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-11D	Plastic 2oz unpreserved for TS	A1	NA		2.5	Y	Absent		TS(7)
L1804131-11E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.5	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1804131-11F	Glass 120ml/4oz unpreserved	A1	NA		2.5	Y	Absent		NYCP51-PAH(14)
L1804131-11X	Vial MeOH preserved split	A1	NA		2.5	Y	Absent		NYCP51-8260HLW(14)
L1804131-11Y	Vial Water preserved split	A1	NA		2.5	Y	Absent	08-FEB-18 02:07	NYCP51-8260HLW(14)
L1804131-11Z	Vial Water preserved split	A1	NA		2.5	Y	Absent	08-FEB-18 02:07	NYCP51-8260HLW(14)
L1804131-12A	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-12B	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-12C	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-12D	Plastic 2oz unpreserved for TS	A2	NA		3.1	Y	Absent		TS(7)
L1804131-12X	Vial MeOH preserved split	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-12Y	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-12Z	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-13A	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-13B	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-13C	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-13D	Plastic 2oz unpreserved for TS	A2	NA		3.1	Y	Absent		TS(7)
L1804131-13E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		3.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1804131-13F	Glass 120ml/4oz unpreserved	A2	NA		3.1	Y	Absent		NYCP51-PAH(14)
L1804131-13X	Vial MeOH preserved split	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1804131-13Y	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-13Z	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-14A	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-14B	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-14C	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-14D	Plastic 2oz unpreserved for TS	A2	NA		3.1	Y	Absent		TS(7)
L1804131-14X	Vial MeOH preserved split	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-14Y	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-14Z	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-15A	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-15B	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-15C	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-15D	Plastic 2oz unpreserved for TS	A2	NA		3.1	Y	Absent		TS(7)
L1804131-15E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		3.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1804131-15F	Glass 120ml/4oz unpreserved	A2	NA		3.1	Y	Absent		NYCP51-PAH(14)
L1804131-15X	Vial MeOH preserved split	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-15Y	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-15Z	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-16A	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-16B	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-16C	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-16D	Plastic 2oz unpreserved for TS	A2	NA		3.1	Y	Absent		TS(7)
L1804131-16X	Vial MeOH preserved split	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-16Y	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-16Z	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-17A	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-17B	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1804131
Report Date: 02/13/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1804131-17C	5 gram Encore Sampler	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-17D	Plastic 2oz unpreserved for TS	A2	NA		3.1	Y	Absent		TS(7)
L1804131-17E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		3.1	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),HG-T(28),CD-TI(180)
L1804131-17F	Glass 120ml/4oz unpreserved	A2	NA		3.1	Y	Absent		NYCP51-PAH(14)
L1804131-17X	Vial MeOH preserved split	A2	NA		3.1	Y	Absent		NYCP51-8260HLW(14)
L1804131-17Y	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)
L1804131-17Z	Vial Water preserved split	A2	NA		3.1	Y	Absent	10-FEB-18 11:36	NYCP51-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	200 HAMILTON AVENUE	**Lab Number:**	L1804131
Project Number:	170029	**Report Date:**	02/13/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
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

Report Format: DU Report with 'J' Qualifiers

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Project Number:	170029	**Report Date:**	02/13/18

Data Qualifiers

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.

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.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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.

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).

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

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Project Number:	170029	**Report Date:**	02/13/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; 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**
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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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.

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, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 2/6/18

ALPHA Job #: L1804131

Client Information
Client: AKRF, INC
Address: 34 South Broadway
White Plains NY
Phone: 914-922-2362
Fax:
Email: RKinal@AKRF.com

Project Information
Project Name: 200 Hamilton Avenue
Project Location: 200 Hamilton Ave White Plains NY
Project #: 170029
(Use Project name as Project #) ☐
Project Manager: Rebecca Kinal
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

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 #

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 keep SDG open (*)

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	CP-51 VOCs (8260)	CP-51 SVOCs (8270)	RCRA 8 Metals + Zinc	Total Bottle	Sample Specific Comments
0913L - 01	SB-11 (17-19)	2/6/18	1100	S	TM	X				
02	SB-11 (5-7)	2/6/18	1105	S	TM	X	X	X		
03	SB-13 (10-12)	2/6/18	1200	S	TM	X				
04	SB-13 (3-5)	2/6/18	1205	S	TM	X	X	X		
05	SB-18 (12-14)	2/6/18	1305	S	TM	X				
06	SB-14 (2-4)	2/6/18	1500	S	TM	X	X	X		
07	SB-14 (15-16)	2/6/18	1510	S	TM	X				
08	SB-12 (2-4)	2/6/18	1540	S	TM	X	X	X		
09	SB-12 (15-16)	2/6/18	1550	S	TM	X				

Container Type: E G G
Preservative: 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
	2/6/18 1605		2/6/18 16:05
	2/6/18 17:56		
			2/6/18 2215

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)

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 2/7/18

ALPHA Job #: L1804131

Client Information
Client: AKRF, Inc
Address: 34 South Broadway
White Plains NY
Phone: 914-922-2362
Fax:
Email: RKinal@AKRF.com

Project Information
Project Name: 200 Hamilton Avenue
Project Location: 200 Hamilton Ave White Plains NY
Project # 170039
(Use Project name as Project #) ☐
Project Manager: Rebecca Kinal
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

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 #

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 keep SDG open (*)

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	CP-51 VOCs (8260)	CP-51 SVOCs (8270)	RCRA 8 Metals + Zinc	Sample Specific Comments	Total Bottle
04131 10	SB-10 (20-22)	2/7/18	920	S	TM	X				
11	SB-10 (3-5)	2/7/18	925	S	TM	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	G	G					
Preservative	A	A	A					

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	2/7/18 1610	Daniel Fischer AAL	2/7/17 16:10
Daniel Fischer AAL	2/7/17 17:42	[signature]	2/7/18 2230
[signature]	2/7/18 2230		

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

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320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 2/9/18

ALPHA Job #: L1804131

Client Information
Client: AKRF, Inc.
Address: 34 South Broadway
White Plains NY
Phone: 914-922-2362
Fax:
Email: RKinal@AKRF.com

Project Information
Project Name: 200 Hamilton Avenue
Project Location: 200 Hamilton Ave White Plains NY
Project # 170029
(Use Project name as Project #) ☐
Project Manager: Rebecca Kinal
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

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 #

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:

(*) Close SDG (*)

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	CP-51 VOCs (8260)	CP-51 SVOCs (8270)	RCRA 8 Metals + Zinc						Sample Specific Comments	Total Bottle
L1804131-12	SB-15 (10-11)	2/9/18	855	S	TM	X									
-13	SB-15 (2-4)	2/9/18	900	S	TM	X	X	X							
-14	SB-16 (12-13)	2/9/18	1100	S	TM	X									
-15	SB-16 (2-4)	2/9/18	1110	S	TM	X	X	X							
-16	SB-17 (8-9)	2/9/18	1225	S	TM	X									
-17	SB-17 (5-7)	2/9/18	1235	S	TM	X	X	X							

Container Type	E	G	G					
Preservative	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
	2/9/18 1512		2/9/18 1512
	2/9/18 1600		
			2/9/18 22:45

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:	L1805675
Client:	AKRF, Inc. 34 South Broadway White Plains, NY 10601
ATTN:	Becky Kinal
Phone:	(914) 922-2362
Project Name:	200 HAMILTON AVENUE
Project Number:	170029
Report Date:	02/22/18

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), NJ NELAP (MA935), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-14-00197).

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

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1805675
Report Date: 02/22/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1805675-01	MW-1	WATER	200 HAMILTON AVE., WHITE PLAINS, NY	02/16/18 10:25	02/16/18
L1805675-02	MW-5	WATER	200 HAMILTON AVE., WHITE PLAINS, NY	02/16/18 11:45	02/16/18
L1805675-03	MW-6	WATER	200 HAMILTON AVE., WHITE PLAINS, NY	02/16/18 13:20	02/16/18
L1805675-04	MW-7	WATER	200 HAMILTON AVE., WHITE PLAINS, NY	02/16/18 13:55	02/16/18
L1805675-05	MW-2	WATER	200 HAMILTON AVE., WHITE PLAINS, NY	02/16/18 16:25	02/16/18
L1805675-06	MW-9	WATER	200 HAMILTON AVE., WHITE PLAINS, NY	02/16/18 16:47	02/16/18
L1805675-07	TB-1	WATER	200 HAMILTON AVE., WHITE PLAINS, NY	02/16/18 00:00	02/16/18
L1805675-08	MW-8	WATER	200 HAMILTON AVE., WHITE PLAINS, NY	02/16/18 18:07	02/17/18

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1805675
Report Date: 02/22/18

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1805675
Project Number: 170029 **Report Date:** 02/22/18

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.

Volatile Organics

L1805675-02: The sample has elevated detection limits due to the dilution required by the sample matrix (foam).

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: Kara Soroko

Title: Technical Director/Representative Date: 02/22/18

ORGANICS

VOLATILES

Project Name: 200 HAMILTON AVENUE
Lab Number: L1805675
Project Number: 170029
Report Date: 02/22/18

SAMPLE RESULTS

Lab ID: L1805675-01
Client ID: MW-1
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/21/18 11:30
Analyst: AD

Date Collected: 02/16/18 10:25
Date Received: 02/16/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	106		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1805675

Project Number: 170029 **Report Date:** 02/22/18

SAMPLE RESULTS

Lab ID: L1805675-02 D
Client ID: MW-5
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/20/18 21:13
Analyst: PD

Date Collected: 02/16/18 11:45
Date Received: 02/16/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
Xylenes, Total	ND		ug/l	6.2	1.8	2.5
n-Butylbenzene	ND		ug/l	6.2	1.8	2.5
sec-Butylbenzene	ND		ug/l	6.2	1.8	2.5
tert-Butylbenzene	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
p-Isopropyltoluene	ND		ug/l	6.2	1.8	2.5
Naphthalene	ND		ug/l	6.2	1.8	2.5
n-Propylbenzene	ND		ug/l	6.2	1.8	2.5
1,3,5-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trimethylbenzene	ND		ug/l	6.2	1.8	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: 200 HAMILTON AVENUE
Lab Number: L1805675
Project Number: 170029
Report Date: 02/22/18

SAMPLE RESULTS

Lab ID: L1805675-03
Client ID: MW-6
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/21/18 11:59
Analyst: AD

Date Collected: 02/16/18 13:20
Date Received: 02/16/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	0.67		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.2	J	ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	104		70-130

Project Name: 200 HAMILTON AVENUE
Lab Number: L1805675
Project Number: 170029
Report Date: 02/22/18

SAMPLE RESULTS

Lab ID: L1805675-04 D
Client ID: MW-7
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/21/18 12:27
Analyst: AD

Date Collected: 02/16/18 13:55
Date Received: 02/16/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	0.94	J	ug/l	1.0	0.32	2
Toluene	2.3	J	ug/l	5.0	1.4	2
Ethylbenzene	92		ug/l	5.0	1.4	2
Methyl tert butyl ether	15		ug/l	5.0	1.4	2
p/m-Xylene	290		ug/l	5.0	1.4	2
o-Xylene	28		ug/l	5.0	1.4	2
Xylenes, Total	320		ug/l	5.0	1.4	2
n-Butylbenzene	1.9	J	ug/l	5.0	1.4	2
sec-Butylbenzene	2.7	J	ug/l	5.0	1.4	2
tert-Butylbenzene	ND		ug/l	5.0	1.4	2
Isopropylbenzene	14		ug/l	5.0	1.4	2
p-Isopropyltoluene	4.5	J	ug/l	5.0	1.4	2
Naphthalene	14		ug/l	5.0	1.4	2
n-Propylbenzene	14		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	56		ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	110		ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	101		70-130

Project Name: 200 HAMILTON AVENUE
Lab Number: L1805675
Project Number: 170029
Report Date: 02/22/18

SAMPLE RESULTS

Lab ID: L1805675-05 D
Client ID: MW-2
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/21/18 12:56
Analyst: AD

Date Collected: 02/16/18 16:25
Date Received: 02/16/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	1800		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10
n-Propylbenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	104		70-130

Project Name: 200 HAMILTON AVENUE
Lab Number: L1805675
Project Number: 170029
Report Date: 02/22/18

SAMPLE RESULTS

Lab ID: L1805675-06
Client ID: MW-9
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/21/18 13:54
Analyst: AD

Date Collected: 02/16/18 16:47
Date Received: 02/16/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	34		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	104		70-130

Project Name: 200 HAMILTON AVENUE
Lab Number: L1805675
Project Number: 170029
Report Date: 02/22/18

SAMPLE RESULTS

Lab ID: L1805675-07
Client ID: TB-1
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/20/18 20:38
Analyst: PD

Date Collected: 02/16/18 00:00
Date Received: 02/16/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: 200 HAMILTON AVENUE **Lab Number:** L1805675

Project Number: 170029 **Report Date:** 02/22/18

SAMPLE RESULTS

Lab ID: L1805675-08 D
Client ID: MW-8
Sample Location: 200 HAMILTON AVE., WHITE PLAINS, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 02/21/18 13:25
Analyst: AD

Date Collected: 02/16/18 18:07
Date Received: 02/17/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/l	1.0	0.32	2
Toluene	ND		ug/l	5.0	1.4	2
Ethylbenzene	33		ug/l	5.0	1.4	2
Methyl tert butyl ether	20		ug/l	5.0	1.4	2
p/m-Xylene	22		ug/l	5.0	1.4	2
o-Xylene	ND		ug/l	5.0	1.4	2
Xylenes, Total	22		ug/l	5.0	1.4	2
n-Butylbenzene	36		ug/l	5.0	1.4	2
sec-Butylbenzene	25		ug/l	5.0	1.4	2
tert-Butylbenzene	ND		ug/l	5.0	1.4	2
Isopropylbenzene	44		ug/l	5.0	1.4	2
p-Isopropyltoluene	8.3		ug/l	5.0	1.4	2
Naphthalene	23		ug/l	5.0	1.4	2
n-Propylbenzene	130		ug/l	5.0	1.4	2
1,3,5-Trimethylbenzene	57		ug/l	5.0	1.4	2
1,2,4-Trimethylbenzene	4.8	J	ug/l	5.0	1.4	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	97		70-130

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1805675
Report Date: 02/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/20/18 17:41
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02,07 Batch: WG1091048-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1805675
Report Date: 02/22/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/21/18 10:32
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-06,08 Batch: WG1091209-5					
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1805675
Report Date: 02/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,07 Batch: WG1091048-3 WG1091048-4								
Benzene	100		96		70-130	4		20
Toluene	100		96		70-130	4		20
Ethylbenzene	100		100		70-130	0		20
Methyl tert butyl ether	100		97		63-130	3		20
p/m-Xylene	105		100		70-130	5		20
o-Xylene	105		100		70-130	5		20
n-Butylbenzene	110		99		53-136	11		20
sec-Butylbenzene	110		99		70-130	11		20
tert-Butylbenzene	100		96		70-130	4		20
Isopropylbenzene	100		96		70-130	4		20
p-Isopropyltoluene	110		99		70-130	11		20
Naphthalene	**140**	Q	130		70-130	7		20
n-Propylbenzene	100		98		69-130	2		20
1,3,5-Trimethylbenzene	100		96		64-130	4		20
1,2,4-Trimethylbenzene	100		96		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		102		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	97		99		70-130
Dibromofluoromethane	101		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 200 HAMILTON AVENUE
Project Number: 170029
Lab Number: L1805675
Report Date: 02/22/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-06,08 Batch: WG1091209-3 WG1091209-4								
Benzene	92		93		70-130	1		20
Toluene	87		86		70-130	1		20
Ethylbenzene	92		92		70-130	0		20
Methyl tert butyl ether	94		93		63-130	1		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	100		100		70-130	0		20
n-Butylbenzene	89		88		53-136	1		20
sec-Butylbenzene	86		86		70-130	0		20
tert-Butylbenzene	87		86		70-130	1		20
Isopropylbenzene	82		82		70-130	0		20
p-Isopropyltoluene	91		91		70-130	0		20
Naphthalene	100		94		70-130	6		20
n-Propylbenzene	82		82		69-130	0		20
1,3,5-Trimethylbenzene	87		87		64-130	0		20
1,2,4-Trimethylbenzene	88		88		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		113		70-130
Toluene-d8	89		89		70-130
4-Bromofluorobenzene	84		85		70-130
Dibromofluoromethane	105		106		70-130

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1805675
Report Date: 02/22/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1805675-01A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-01B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-01C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-02A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-02B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-02C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-03A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-03B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-03C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-04A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-04B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-04C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-05A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-05B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-05C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-06A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-06B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-06C	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-07A	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-07B	Vial HCl preserved	A	NA		2.7	Y	Absent		NYCP51-8260-G(14)
L1805675-08A	Vial HCl preserved	A1	NA		3.2	Y	Absent		NYCP51-8260-G(14)
L1805675-08B	Vial HCl preserved	A1	NA		3.2	Y	Absent		NYCP51-8260-G(14)

*Values in parentheses indicate holding time in days

Project Name: 200 HAMILTON AVENUE
Project Number: 170029

Lab Number: L1805675
Report Date: 02/22/18

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L1805675-08C	Vial HCl preserved	A1	NA		3.2	Y	Absent		NYCP51-8260-G(14)

*Values in parentheses indicate holding time in days

Project Name:	200 HAMILTON AVENUE	**Lab Number:**	L1805675
Project Number:	170029	**Report Date:**	02/22/18

GLOSSARY

Acronyms

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).
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.
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.
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.
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.
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.

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.

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.

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 Condensation Product".
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

Report Format: DU Report with 'J' Qualifiers

Project Name:	200 HAMILTON AVENUE	**Lab Number:**	L1805675
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Data Qualifiers

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.

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.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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.

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).

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:	200 HAMILTON AVENUE	**Lab Number:**	L1805675
Project Number:	170029	**Report Date:**	02/22/18

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; 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**
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, **EPA 351.1, 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 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, 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.

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, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 2/16/18

ALPHA Job #: L1805675

Client Information

Client: AKRF, Inc.
Address: 34 South Broadway
White Plains NY
Phone: 914-922-2362
Fax:
Email: RKINAL@AKRF.com

Project Information

Project Name: 200 Hamilton Avenue
Project Location: 200 Hamilton Ave, White Plains, NY
Project # 170029
(Use Project name as Project #) ☐
Project Manager: Rebecca Kinal
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

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 #

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:

(*) Keep SDG open (*)

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	CP-51 VOCs (8260)	Total Bottle
05675-01	MW-1	2/16/18	1025	GW	CP	X	
02	MW-5	2/16/18	1145	GW	TM	X	
03	MW-6	2/16/18	1320	GW	TM	X	
04	MW-7	2/16/18	1355	GW	CP	X	
05	MW-2	2/16/18	1625	GW	TM	X	
06	MW-9	2/16/18	1647	GW	CP	X	
07	TB-1	2/16/18	LAB	Water	LAB	X	

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V								
Preservative	B								

Relinquished By:	Date/Time	Received By:	Date/Time
	2/16/18 1717		2/16/18 17:17
AAL	2/16/18 19:00		
	2/16/18 2330		2/16/18 2330

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

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 2/19/18

ALPHA Job #: L1805675

Client Information
Client: AKRF, INC.
Address: 34 South Broadway White Plains NY
Phone: 914-922-2362
Fax:
Email: RKINAL@AKRF.com

Project Information
Project Name: 200 Hamilton Avenue
Project Location: 200 Hamilton Ave White Plains NY
Project #: 170029
(Use Project name as Project #) ☐
Project Manager: Rebecca Kinal
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☒ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☒ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

(*) Please Close SDG (*)

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	CP-51 VOCs (8260)	Sample Specific Comments	Total # Bottles
05675-08	MW-8	2/16/18	1807	GW	CP	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V									
Preservative	B									

Relinquished By:	Date/Time	Received By:	Date/Time
	2/17/18 1249		2/17/18 2:49
	2/17/18 1350		
			2/19/18 2210

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)

Attachment E
Proof of Site Access

HAMILTON GREEN
BROWNFIELD CLEANUP APPLICATION
ACCESS AND CONSENT AGREEMENT

ACCESS AGREEMENT made as of this 1st day of May 2018, by and between **W.P. Mall Realty, LLC ("Grantor")**, having an address at Exclusive Management, 35 West Street, Suite 202, Spring Valley, New York, and **S-WD/WP, LLC ("Grantee")**, having an address at 168-A Irving Avenue, Suite 200K, Port Chester, New York 10573.

WHEREAS, Grantor owns the real property located at 200 Hamilton Avenue, White Plains, New York (Section 125.67, Block 5, Lot 1) (**"Grantor's Property"**), together with the building and improvements thereon (**"Grantor's Building"**) (Grantor's Property and Grantor's Building shall be referred to collectively as **Grantor's Property"**); and

WHEREAS, Grantee is about to make application to the NYS Brownfield Cleanup Program ("BCP") to investigate and to remediate the Grantor's Property for the purpose of obtaining a Certificate of Completion under the BCP (the "Work"); and

WHEREAS, Grantee requires access to Grantor's Property to perform the Work; and

WHEREAS, Grantor has agreed to grant access to Grantor's Property and permit the performance of the Work, subject to the terms and conditions as set forth in this Agreement.

NOW, THEREFORE, in consideration of the foregoing and for good and valuable consideration, the receipt of which is hereby acknowledged, Grantor and Grantee agree as follows:

1. Grantor hereby grants access and a license upon, into, under or through Grantor's Property for the purpose of the entry thereon by Grantee, its agents, employees, architects, engineers, contractors and consultants, successors or assigns (collectively, the "Grantee Related Parties" and each a "Grantee Related Party"), vehicles, equipment and materials required by Grantee in order to perform all tasks reasonable and necessary in connection with the Work, including the demolition of the building and consent of the Grantor to the filing by the Grantee of an Environmental Easement on the Grantor's Property as may be required for the issuance of the Certificate of Completion.

2. Grantee Related Parties shall perform the Work in a workmanlike manner and in accordance with industry standards and in accordance with applicable laws, rules and regulations. The rights granted pursuant to paragraph 1 of this Agreement are nonexclusive, it being understood and agreed that Grantor, its agents, employees, workers, contractors and tenants will have full authority to access to Grantor's Property during the performance of the Work, until otherwise agreed by the parties in writing. The performance of the Work will not interfere unreasonably with the quiet enjoyment of Grantor's Building by the tenants thereof.

Grantor agrees that it will use commercially reasonable efforts to avoid unreasonable interference with Grantee's exercise of its rights hereunder.

3. All of the foregoing activities shall be performed at Grantee's sole cost and expense.

4. Grantee shall provide reasonable notice to Grantor prior to Grantee's need for access to Grantor's Property to perform the Work.

5. Grantee shall be responsible for obtaining all federal, state or local governmental approvals in relation to the Work. Grantor agrees to execute all reasonable, necessary and customary documents and provide any permission required, during the course of performing the Work to obtain any federal, state and/or local governmental or other approval required to perform the Work.

6. This Agreement shall be governed by and construed in accordance with the laws of the State of New York. Any proceedings initiated by either party to enforce the terms of or otherwise related to this Agreement shall be brought in the state or federal court in Westchester County, New York.

IN WITNESS WHEREOF, this Agreement has been executed by Grantor and Grantee and is effective as of the date set forth above.

Grantor:
W.P. Mall Realty, LLC

By: _____(sign)
Name: Juda Klein
Title: Managing Member
Date: 5/10/18

Grantee:
S-WD/WP, LLC
By: S-WD II, LLC

By: _____(sign)
Name: Kenneth D. Narva
Title: Managing Member
Date: 5/10/18

Attachment F
Repository Acknowledgment Letter

AKRF

Environmental and Planning Consultants

440 Park Avenue South
7th Floor
New York, NY 10016
tel: 212 696-0670
fax: 212 213-3191
www.akrf.com

May 8, 2018

Brian Kenney
White Plains Public Library
100 Martine Avenue
White Plains, New York 10601

Re: Document Repository for 200 Hamilton Avenue, White Plains, NY

Dear Mr. Kenney:

AKRF, Inc. is submitting a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Application on behalf of S-WD/WP, LLC for the project site located at 200 Hamilton Avenue in White Plains, New York. As required by NYSDEC, the White Plains Public Library will serve as a repository to which all pertinent electronic documents generated for this project will be sent. Please understand that these documents will have to be made available to the public when requested until the NYSDEC determines that these documents are no longer needed.

Please signify your understanding and agreement by signing below and returning a copy of the signed letter using either the envelope provided or via email to tmcclintock@akrf.com. Please call me at (914) 922-2374 with any questions. Thank you.

Sincerely,

Tim McClintock

Timothy McClintock
Environmental Professional

ACKNOWLEDGED AND ACCEPTED:

Ronan Kenny Library Director Brian Kenney

Name Title Signature

Attachment G
Zoning Change Documentation

COMMON COUNCIL
AGENDA
REGULAR STATED MEETING
MAY 7, 2018
7:30 P.M.

PLEDGE TO THE FLAG: Hon. John Kirkpatrick

ROLL CALL: City Clerk

ADJOURNED
PUBLIC HEARINGS:

1. Public Hearing in relation to the proposed amendment to the Zoning Ordinance of the City of White Plains creating a new TD-1 Transit Zoning District and re-zoning a certain property in the B-2 Neighborhood Business Zoning District to TD-1 Transit Zoning District.

PUBLIC HEARINGS:

2. Public Hearing to consider the Tax Budget of the City of White Plains for Fiscal Year 2018-2019.

3. Public Hearing in relation to a proposed amendment to the Zoning Ordinance to re-zone certain properties on: A) Cobb Avenue from the R1-12.5 Single Family Zoning District to the R1-5 Single Family Zoning District; and B) Saxon Wood Park Drive from the R1-12.5 Single Family Zoning District to the R1-7.5 Single Family Zoning District.

4. Communications from Commissioner of Building
5. Design Review Board
6. Commissioner of Public Safety
7. Commissioner of Public Works
8. Deputy Commissioner, Traffic Division
9. Transportation Commission
10. Commissioner of Parking
11. Conservation Board

COMMON COUNCIL
AGENDA
REGULAR STATED MEETING
APRIL 2, 2018
7:30 P.M.

PLEDGE TO THE FLAG: Hon. Nadine Hunt-Robinson

ROLL CALL: City Clerk

RECOGNITION: Community Development Block Grant Program
National Community Development Week
April 2, 2018 - April 6, 2018

ADJOURNED
PUBLIC HEARINGS:

1. Public Hearing in relation to the proposed amendment to the Zoning Ordinance of the City of White Plains creating a new TD-1 Transit Zoning District and re-zoning a certain property in the B-2 Neighborhood Business Zoning District to TD-1 Transit Zoning District. **OPENED/ADJOURNED TO MAY 7, 2018.**

2. Public Hearing in relation to the application submitted on behalf of Saber White Plains LLC and Chauncey White Plains, LLC, (Saber Chauncey WP LLC) for Special Permits to construct a mixed use development at 100-106 Westchester Avenue, 90-96 Westchester Avenue, 80 Westchester Avenue, and on certain lots on Franklin Avenue, White Plains, NY. **OPENED/CLOSED**

3. Communication from the Environmental Officer in relation to an application submitted on behalf of Saber Chauncey WP LLC, for site plan and special permit approvals to construct a mixed use development known as The Collection, at 100 - 106 Westchester Avenue, 90 - 96 Westchester Avenue, 80 Westchester Avenue, and on certain lots on Franklin Avenue. **F/S**

4. Environmental Findings Resolution **ADOPTED 5 - 2. NAYS: Mr. Krolian and Mrs. Lecuona**

THE CITY OF WHITE PLAINS
STATE OF NEW YORK
----------X
In the Matter of the Application of

W.P. MALL REALTY, LLC **PETITION**

For an Amendment to the Zoning Ordinance of the City of White Plains to: (a) Establish a new District Classification to be known as TD-1 (Transit Development 1) District; and (b) to Map the Premises known and designated on the Tax Assessment Map of the City of White Plains as Section 125.67, Block 5, Lot 1 from the B-2 (Neighborhood Business) District into the newly created TD-1 (Transit Development 1) District.
----------X

TO THE HONORABLE MAYOR AND MEMBERS OF THE COMMON COUNCIL OF THE CITY OF WHITE PLAINS:

The Petition of W.P. MALL REALTY, LLC (the "Petitioner") respectfully shows and alleges in support of Petitioner's request:

1. Ownership Information: Petitioner, W.P. MALL REALTY, LLC, is the owner of real property situated at 200 Hamilton Avenue, commonly known as The White Plains Mall, designated on the Tax Assessment Map of the City of White Plains as Section 125.67, Block 5, Lot 1 (collectively referred to herein as the "Subject Premises"), which is bounded on the northerly side by Barker Avenue (with approximately 370 feet of frontage), on the southerly side by Hamilton Avenue (with approximately 360 feet of frontage), on the easterly side by Cottage Place (with approximately 380 feet of frontage), and on the westerly side by Dr. Martin Luther King, Jr. Boulevard (with approximately 355 feet of frontage).

2. Description of the Subject Premises & Present Mapping: The Subject Premises comprise approximately 3.748 acres (i.e., approximately 163,250 square feet) of fully developed land mapped in the B-2 (Neighborhood Business) District and improved by The White Plains Mall, which contains approximately 170,000 square feet of retail, restaurant and other commercial space, together with parking on two outdoor levels – one at-grade and the other above the building. The Subject Premises is mapped in the Central Parking Area (CPA) and is located just a few blocks from the White Plains Metro-North Station.

3. Visual Documents detailing Subject Premises: Annexed hereto are the following documents detailing the Subject Premises in support of this proposed rezoning:

a. **Exhibit A** contains an aerial photograph of the Subject Premises and the relevant area of the City of White Plains (with the Subject Premises highlighted in yellow); and

b. **Exhibit B** is comprised of a survey entitled, "Existing Condition Plans".

4. Existing Mapping of Adjacent Lands: **Exhibit C** is an excerpt of the relevant area of the Official Zoning Map showing the zoning classifications affecting the Subject Premises and the properties adjacent thereto, as follows:

   Northerly Boundary: Immediately to the north of the Subject Premises is Barker Avenue a two-way street connecting Dr. Martin Luther King, Jr. Boulevard to Cottage Place. The properties situated on the northerly side of Barker Avenue are mapped in the CB-4 (Core Business 4) District and improved with multiple distinct uses in several buildings including an office building, a hotel and a multifamily dwelling.

   Southerly Boundary: Immediately to the south of the Subject Premises is Hamilton Avenue (Westchester County Route 119), a wide, two-way street with five to six lanes of traffic and a median dividing it. The properties situated on the southerly side of Hamilton Avenue are mapped in the CB-3 (Core Business 3) District and improved with multiple office buildings.

   Easterly Boundary: Immediately to the east of the Subject Premises is Cottage Place, a two-way street connecting Hamilton Avenue to Barker Avenue. The properties situated on the easterly side of Cottage Place are mapped in the CB-4 (Core Business 4) District and improved with multiple distinct uses in several buildings including a non-conforming automobile service station, an office building, a student residence hall for Berkeley College and a multifamily dwelling.

   Westerly Boundary: Immediately to the west of the Subject Premises is Dr. Martin Luther King, Jr. Boulevard, which is a wide one-way street connecting Hamilton Avenue to both Water Street and Barker Avenue. Across Dr. Martin Luther King, Jr. Boulevard the properties are classified in the CB-4 (Core Business 4) District and improved with multiple distinct uses in several buildings including an office building and a Con Edison utility facility.

   Other significant Adjacent Properties: Diagonally southeasterly of the Subject Premises is the Ritz Carlton and its two multifamily towers that stand approximately 450 feet in height. These properties also are classified in the CB-4 (Core Business 4) District.

5. Area Affected: As previously noted, annexed hereto as **Exhibit C** is an excerpt of a portion of the Zoning Map showing the Subject Premises and the zoning classifications of adjacent lands, which are classified either in the CB-3 (Core Business 3) District or the CB-4 (Core Business 4) District. The names of owners of properties within 200 feet of the Subject Premises (the "Area Affected") as listed on the tax assessment roll of the City of White Plains, are set forth on **Exhibit D** annexed hereto, which also includes the relevant sections of the tax map.

6. Proposed Redevelopment: The Petitioner contemplates demolition of The White Plains Mall and construction of a new, pedestrian-friendly, multi-use development, including retail,

restaurant, and multi-family uses together with appurtenant parking consistent with its location close to the White Plains Metro-North Station and the downtown. A key component of the redevelopment would be activating the streets with pedestrian activity and providing a destination "use" between the train station and the downtown. Further, a new "Craft Food Market Hall" use is proposed to be established, which would form a destination use within this revitalized area of the downtown.

While a formal design suitable for Site Plan review has not yet been prepared at this time, a Conceptual Development Plan ("CDP") accompanies this submission and is referenced in **Exhibit F** to this Petition and an accompanying booklet containing conceptual redevelopment plans for the Subject Premises illustrating a mixed–use project.

7. Request to Establish a new TD-1 District and to Map the Subject Premises therein: Petitioner requests that the Common Council remap the Subject Premises from the B-2 (Neighborhood Retail) District to the TD-1 (Transit Development 1) District. The new TD-1 District has been drafted to include extensive design guidelines and standards to ensure the inclusion of improvements that will result in pedestrian-friendly streets and to encourage publicly accessible open space. This Petition respectfully submits that the existing B-2 District classification is inappropriate for the Subject Premises and should be abandoned with a more consistent classification placed thereon that is compatible with surrounding properties, but maintains more control on the type of development that will be allowed to occur. Simply put, the B-2 District is not consistent with the successful redevelopment of the lands located near the White Plains Metro-North station.

   Among other things, the existing B-2 District classification of the Subject Premises limits the maximum height to two (2) stories or 30 feet, maximum Floor Area Ratio ("FAR") to 0.80, and maximum building coverage to fifty percent (50%) (although the Subject Premises has a building coverage of 100%). The proposed TD-1 District would establish dimensional parameters compatible with the adjacent development of the properties classified in the CB-3 and CB-4 Districts, but would limit the area of any "tower" to be constructed on the Subject Premises to only 40% of the lot area. The details of the proposed TD-1 District regulations are set forth at length in **Exhibit E** annexed hereto and made a part hereof.

8. SEQR Compliance and Planning Considerations in Support of Petition: Petitioner's request regarding the redevelopment of the Subject Premises to permit its redevelopment is wholly consistent with the City's commitment to revitalize the downtown enabling the removal of The White Plains Mall, which is an older retail complex that is in need of replacement. The Full Environmental Assessment Form ("EAF"), annexed hereto as **Exhibit F**, contains information supportive of this Petition including substantive analyses such as consistency with the Comprehensive Plan, a preliminary traffic study, and School Children Analysis.

WHEREFORE, Petitioner respectfully requests that this Petition be granted in its entirety with the Subject Premises being mapped in the TD-1 District and implementing the text amendments set forth herein.

Dated: November 23, 2016

Respectfully submitted,

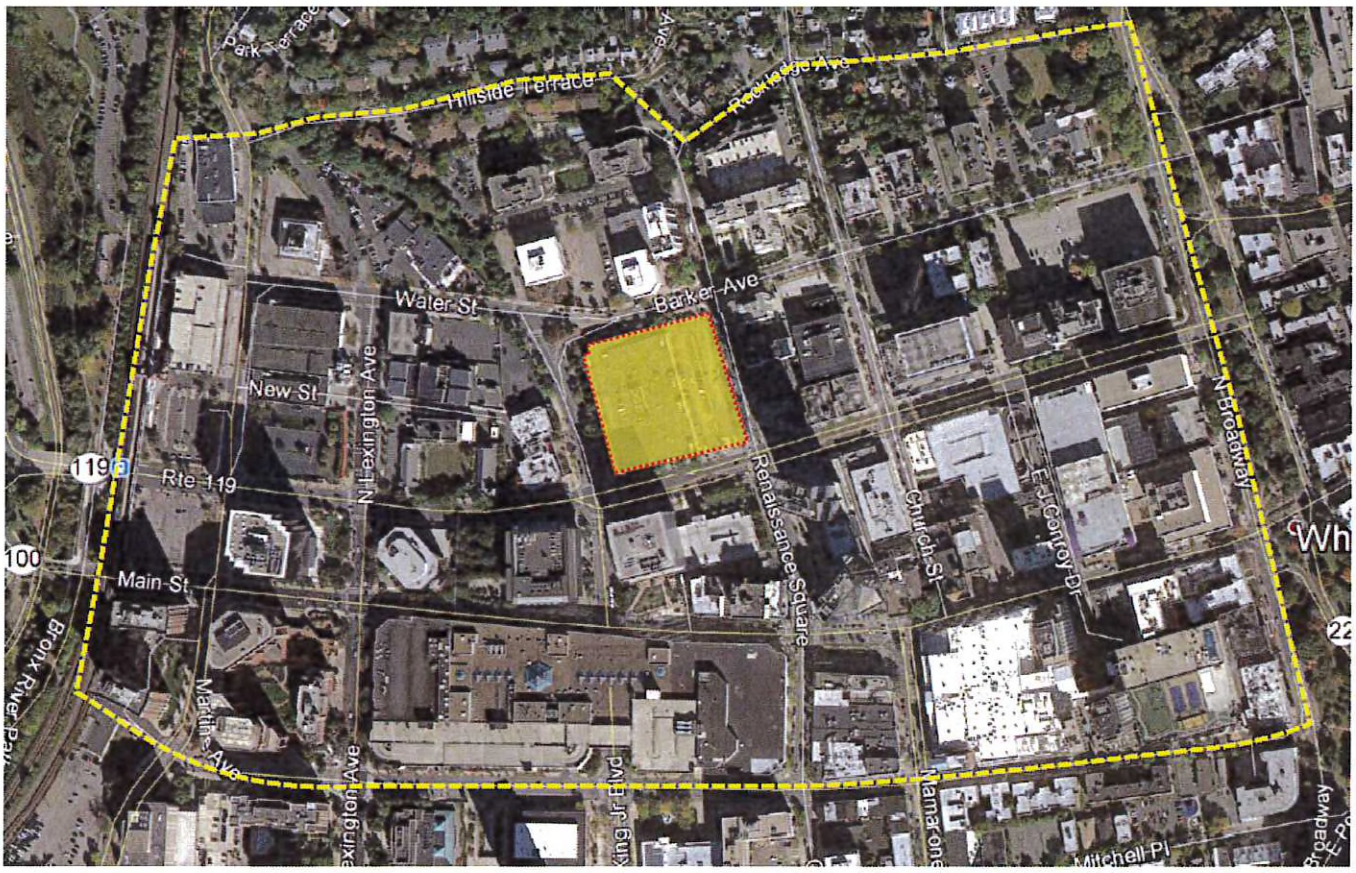
By: **W.P. MALL REALTY, LLC**

By: _____

Its: Managing Member

EXHIBIT A

EXHIBIT A
Aerial Photograph of Subject Premises



C&F: 3243094.3

EXHIBIT B

EXHIBIT B

Existing Condition Plans

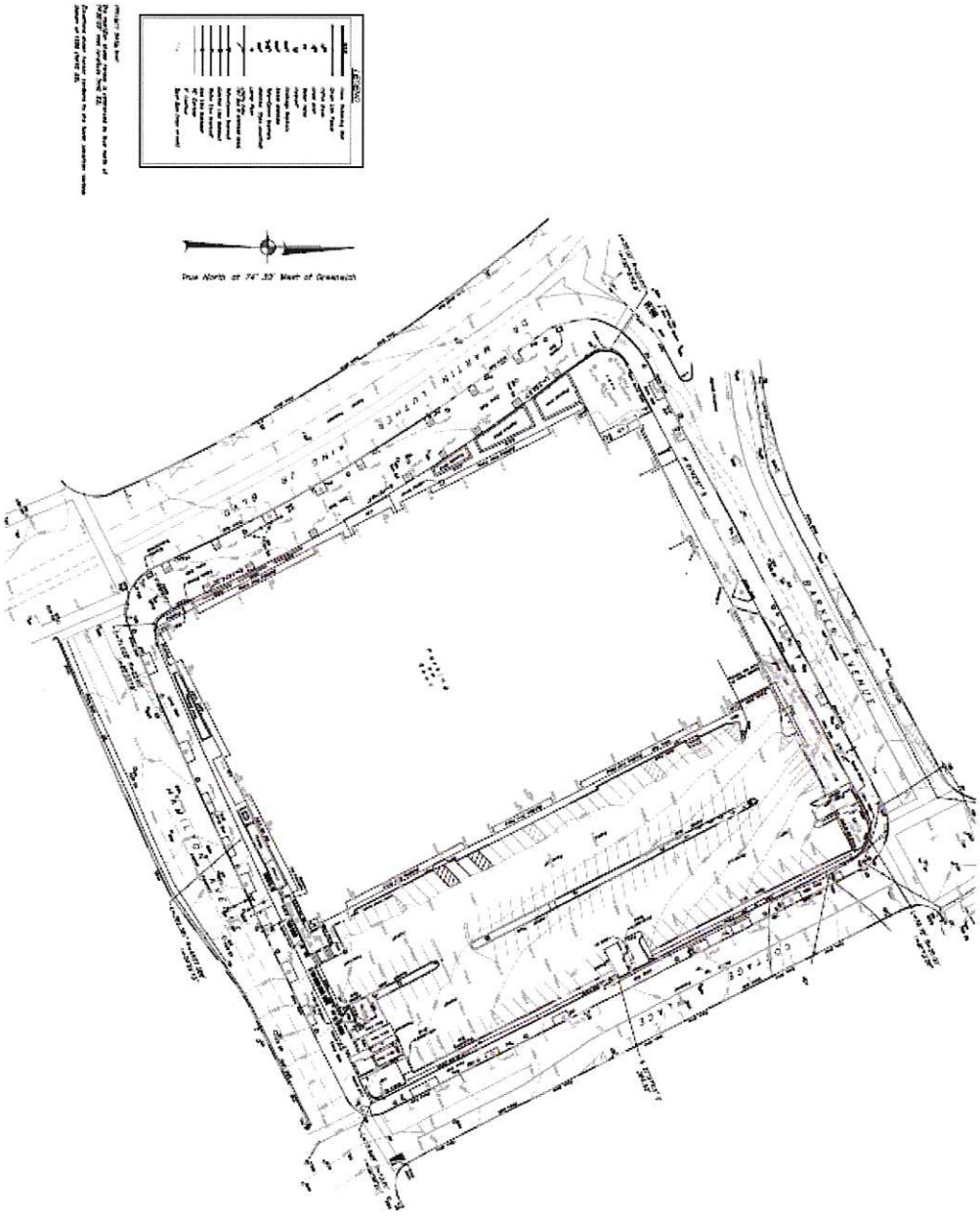


EXHIBIT C

EXHIBIT C

Section of Zoning Map showing Subject Premises
(which is colored magenta and labeled B-2)

C&F: 3243094.3