PHASE II SUBSURFACE INVESTIGATION

3083 Webster Avenue
Bronx, New York 10467

AEC Project No. 21-149P

Prepared for:

Mr. Alexander Amanatides
Atlantis Management Group
555 South Columbus Avenue, Suite 201
Mount Vernon, New York 10550

Prepared by:

Advantage Environmental Consultants, LLC
3819 Germantown Pike, Suite B
Collegeville, PA 19426
TEL (610) 567-3200 • FAX (610) 567-3229

January 7, 2022

January 7, 2022

Mr. Alexander Amanatides
Atlantis Management Group
555 South Columbus Avenue, Suite 201
Mount Vernon, New York 10550

Subject: **Phase II Subsurface Investigation**
3083 Webster Avenue
Bronx, New York 10467
AEC Project No. 21-149P

Dear Mr. Amanatides:

Advantage Environmental Consultants, LLC (AEC) has conducted a Phase II subsurface investigation of the above referenced property. This investigation included the advancement of six borings at the Site and the collection of soil samples. This report includes AEC's discussion of the scope of work, methodologies, analytical results, findings and conclusions.

We appreciate the opportunity to be of service to Atlantis Management Group. If you should have any questions regarding this report, or if we can be of further assistance, please contact the undersigned at (610)-567-3200.

Sincerely,

ADVANTAGE ENVIRONMENTAL CONSULTANTS, LLC

Zach Bartley
Staff Scientist

John W. Pavlik LSRP
Principal

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1.0 INTRODUCTION

1.1 Introduction and Purpose

On December 23, 2021 at the request of AMG, AEC conducted a Phase II Subsurface Investigation of the property located at 3083 Webster Avenue Bronx, New York, Bronx County, Maryland (i.e., "the Site"). The purpose of this investigation was to characterize the soil conditions beneath the Site due to the previous existence of an onsite underground storage tank (UST) system and the Site's prior use as an auto-repair shop and gas station.

In addition to soil sampling, AEC performed a Geophysical Survey of the Site in order to locate subsurface anomalies (i.e., underground storage tanks (USTs) or other buried metal objects).

1.2 Site Location and Description

The Site consists of one parcel of land located along Webster Avenue and southwest of the intersection of Webster Avenue and E 204th Street. The physical address associated with the Site parcel is identified as 3083 Webster Avenue, Bronx, New York 10467.

The Site is currently occupied by a vacant gasoline filling station, associated convenience store and an auto-repair shop. The Site's UST system in the northeast portion of the site have been since removed upon the start of the subsurface investigation. The single-story convenience store is located north of the canopy-covered fuel dispenser area and the auto-repair shop is located in the western portion of the Site. The balance of the Site consists of concrete-covered parking and a large gravel space in the area of the former UST's and associated tank field. A Site Vicinity Map is included as Figure 1 in Appendix A.

Photographs of the Site and select boring locations are included as Appendix B.

1.3 Site Topography and Hydrology

According to the Central Park, NY, NJ 7.5 Minute Series Topographic Quadrangle, dated 2019, accessed online at http://geonames.usgs.gov, the elevation of the Site is approximately 80 feet above mean sea level. Regional surface drainage patterns appear to be to the east, towards the Bronx River. No surface water bodies are illustrated on the Site.

Based on the observations made during this subsurface investigation, soils at the Site generally consist of brown and black, dense silty sand to depths ranging from 9 to 20 feet below ground surface (bgs). Boring logs are included as Appendix C.

2.0 INVESTIGATION METHODS

2.1 Introduction

On December 23, 2021, AEC contracted Eastern Environmental of Manorville, New York to advance six borings at the Site using a direct-push Geoprobe device. Boring depths ranged from 9 to 20 feet bgs. AEC provided environmental monitoring of the borings, which included field screening and sampling for laboratory analyses. Prior to any subsurface activities, AEC cleared public utilities by calling New York 811. On December 23, 2021, AEC contracted Bloodhound of Hauppauge, New York to conduct a Geophysical Survey in order to clear private utilities and to locate any buried metals objects such as USTs. A Boring Location Map is included as Figure 2 in Appendix A.

2.2 Geophysical Survey Methodology

The purpose of the geophysical survey was to determine the presence/absence of USTs. When possible, the locations of utilities were confirmed with the GPR. The GPR survey was also performed in a grid pattern in at least two orthogonal directions to search for underground utilities. Designated utilities were marked on-site with spray paint. Anomalies identified within the survey area were marked onsite using pink spray paint.

2.3 Direct Push Methodology

The direct push soil borings on the exterior of the buildings were advanced by hydraulically driving a five-foot-long stainless-steel hollow core with a stainless-steel cutting shoe on the leading edge. For each sampling interval, a disposable non-reactive plastic liner is placed inside the core and the cutting shoe is threaded on. The core is driven through the sampling interval, thereby filling the core with a section of undisturbed sample. The liner is then removed from the core and cut open, revealing the sample.

Upon completion of the boring activities, the boreholes were filled with drill cuttings and patched to match existing grade. Each core section was visually inspected and lithologically logged and screened for volatile organic compounds (VOCs) using a photoionization detector (PID).

2.4 Groundwater Sampling Methodology

Groundwater was not encountered in any of the six borings advanced during the course of this investigation.

2.5 Soil Sampling Methodology

Upon retrieval, the length of each core sample from the direct-push borings were screened for VOCs using a hand-held PID. Following screening, a soil sample was collected from each boring based on the highest PID reading, visual or olfactory evidence of petroleum impact, depth to groundwater, or drilling refusal. Each collected sample was labeled with its corresponding boring number and depth the sample was taken from (e.g., B-1@7'). All samples were placed in pre-cleaned, laboratory-supplied, containers and placed on ice in a cooler prior to delivery to the laboratory.

2.6 Sample Handling and Analysis

The following describes the use and type of sample containers, preservation procedures, and glassware labeling procedures taken during the course of this project. The analytical laboratory provided pre-preserved sample containers where appropriate. The sample containers were filled, and the container lids were tightly closed. The sample labels were firmly attached to the container side, and the following information was legibly and indelibly written on the labels: facility name; sample identification; sample type (i.e., soil); sampling date; sampling time; preservatives added, and sample collector's initials. After the samples were sealed and labeled, they were packaged for transport to the analytical laboratory for analysis. The following packaging and labeling procedures were followed: samples were packaged to prevent leakage or vaporization from the containers; samples were cushioned to avoid breakage, and ice was added to the cooler to keep the samples cool.

The packaged samples were received by SGS Laboratories. of Dayton, New Jersey under strict chain-of-custody procedures. Soil samples were analyzed for New York State Department of Environmental Conservation (NYSCED) CP-51 VOCs plus fuel oxygenates and ethanol via Environmental Protection Agency (EPA) Analytical Method 8260 and NYSDEC CP-51 semi-volatile organic compounds (SVOCs) via EPA analytical method 8270.

2.7 Equipment Decontamination Procedures

Prior to arriving at the Site and between each soil boring all augers, core barrels, cutting shoes, probe rods, tips, sleeves, pushrods, samplers, tools, and other downhole equipment were decontaminated using a Alconox detergent and potable water solution followed by a potable water rinse. Fuel, lubricants, and other similar substances were handled in a manner consistent with accepted safety procedures and standard operating practices.

3.0 INVESTIGATION ACTIVITY RESULTS

3.1 Geophysical Survey Results

The Geophysical Survey did not identify any anomalies consistent with USTs or any other buried metal objects.

3.2 Photoionization Screening Results

No elevated PID readings greater than background levels (i.e., less than 1.0 parts per million (ppm)) were detected during this investigation, and no visual or olfactory evidence of petroleum impact was observed.

3.3 Soil Sample Analytical Results

According to the laboratory analytical results, benzo(a)pyrene was detected in soil sample B-2@20' with a concentration of 35.2 ug/kg. This concentration was identified to be below the NYSDEC CP-51 Soil Cleanup Levels for Gasoline Contaminated Soils with respect to benzo(a)pyrene (1000 ug/kg).

According to the laboratory analytical results, indeno(1,2,3-cd)pyrene was detected in soil sample B-2@20' with a concentration of 35.3 ug/kg. This concentration was identified to be below the NYSDEC CP-51 Soil Cleanup Levels for Gasoline Contaminated Soils with respect to ideno(1,2,3-cd)pyrene (500 ug/kg).

No other VOCs or SVOCs were detected in any of the soil samples above their respective NYSDEC Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils and/or laboratory detection limits. Table 1 below summarizes the soil sample results. A Soil Quality Map is included as Figure 3 in Appendix A. Copies of the laboratory analytical reports and chain-of-custody forms are provided in Appendix D.

Table 1 – Soil Analytical Results
3083 Webster Avenue
Bronx, New York 10467
Samples Collected December 23, 2021

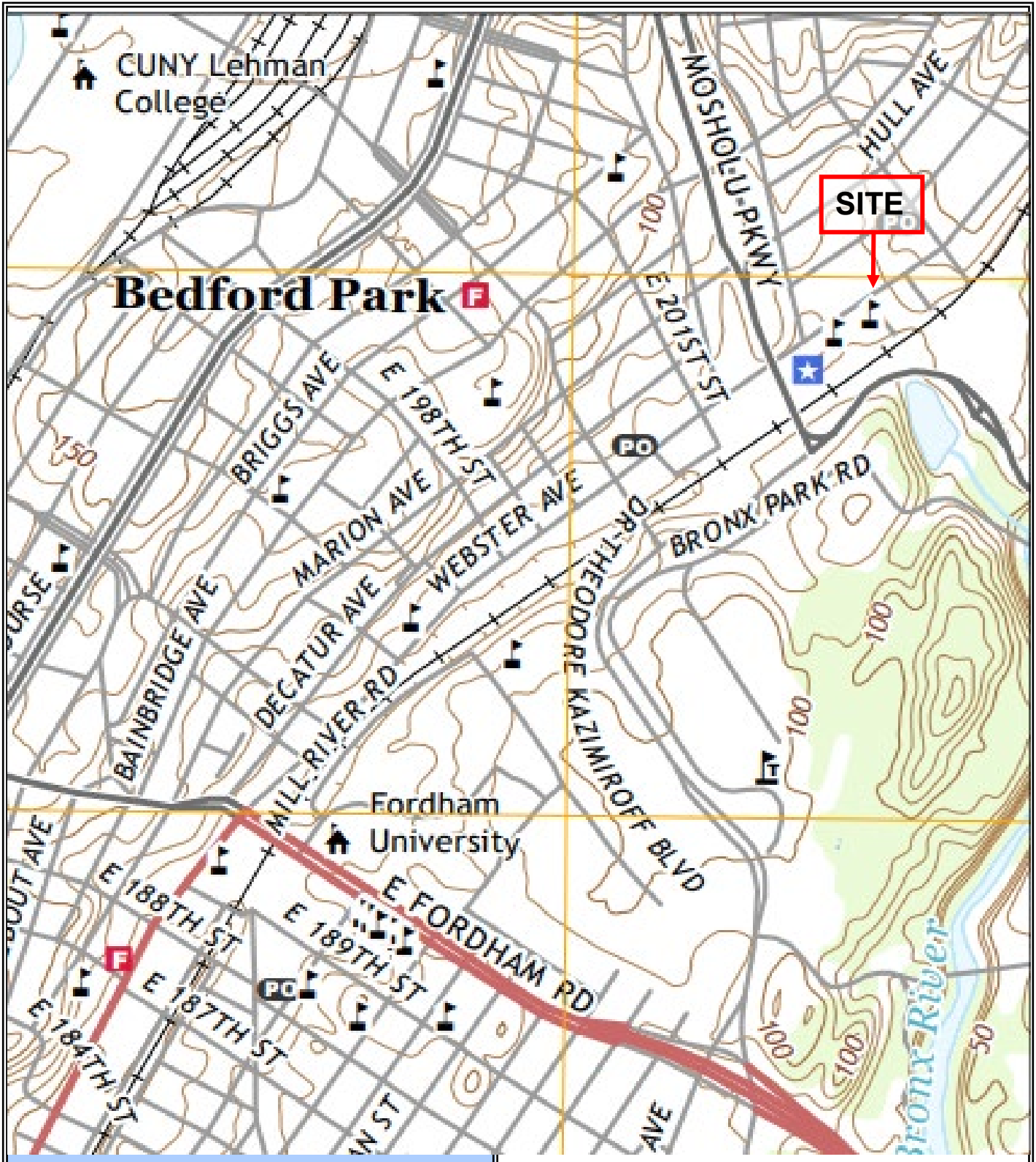
Analyte	B-1 @20'	B-2 @20'	B-3 @15'	B-4 @18'	B-5 @14'	B-6 @9'	Regulatory Standard (ug/kg)
Benzo(a)pyrene	BDL	35.2	BDL	BDL	BDL	BDL	1000
Indeno(1,2,3-cd)pyrene	BDL	35.3	BDL	BDL	BDL	BDL	500

All detected analytes are reported on this table;
VOC and SVOC results in parts per billion or µg/Kg;
BDL – below laboratory detection limits
NYSDEC Soil Cleanup Levels for Gasoline/Fuel Oil Contaminated Soils (Generic Numeric Cleanup Standards for Soil) Dated October 2010.

4.0 CONCLUSIONS AND RECOMMENDATIONS

At the request of Atlantis Management Group (AMG), Advantage Environmental Consultants, LLC (AEC) conducted a Phase II subsurface investigation of the property located at 3083 Webster Avenue in Bronx, New York. The purpose of this investigation was to characterize soil conditions beneath the Site due to the previous existence of an onsite UST system and the Site's prior use as an auto-shop and gas station.

Based on the results of this investigation, only concentrations of benzo(a)pyrene and indeno(1,2,3-cd)pyrene were identified in the soil at the Site, in boring B-2@20' at concentrations below their respective NYSDEC CP-51 Soil Cleanup Levels for Gasoline Contaminated Soils. Based on the above, the former presence of the onsite UST system and the Site prior use as an auto-shop and gas station do not appear to have significantly impacted the soil beneath the Site. As such, not further environmental investigation of the Site is considered warranted at this time.



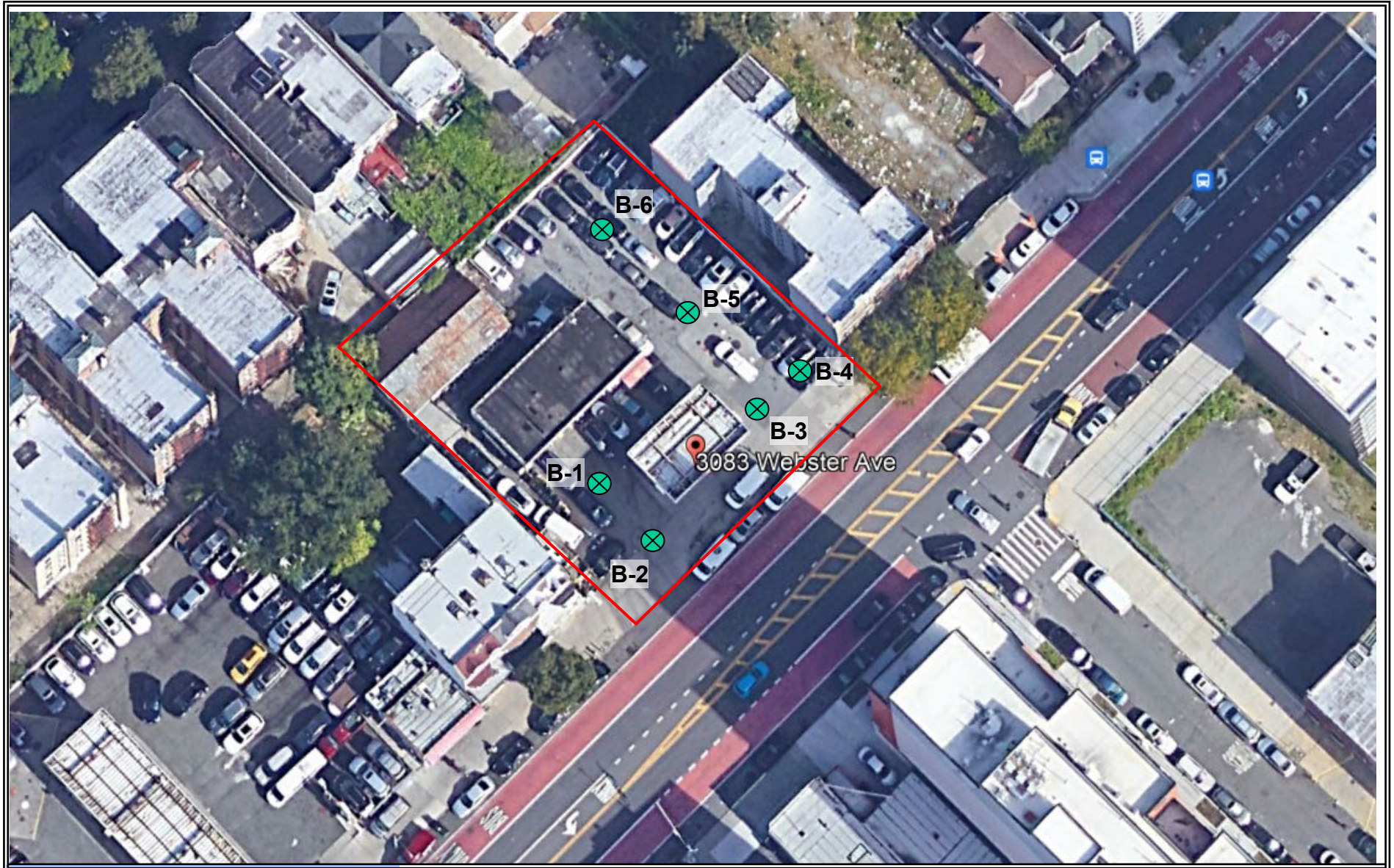
Advantage Environmental Consultants, LLC

8610 Washington Boulevard, Suite 217
Jessup, Maryland 20794
Phone: 301-776-0500 Fax: 301-776-1123

Figure 1 - Site Vicinity Map
7.5-Minute Series Central Park, NY, NJ
3083 Webster Avenue
Bronx, New York 10467

N

AEC Project No.:	Report Date:	Drawn By:
21-149P	January 2022	ZMB



Advantage Environmental Consultants, LLC
8610 Washington Boulevard, Suite 217
Jessup, Maryland 20794
Phone: 301-776-0500 Fax: 301-776-1123

Legend

= Geoprobe Boring Location

= Site Boundary

N

Figure 2 – Boring Location Map
3083 Webster Avenue
Bronx, New York 10470

Project No.:	Report Date:	Drawn By:
21-149P	January 2022	ZMB

Advantage Environmental Consultants, LLC
8610 Washington Boulevard, Suite 217
Jessup, Maryland 20794
Phone: 301-776-0500 Fax: 301-776-1123

Legend

= Geoprobe Boring Location

= Site Boundary

N

Figure 3 – Soil Quality Map
3083 Webster Avenue
Bronx, New York 10470

Project No.:	Report Date:	Drawn By:
21-149P	January 2022	ZMB

APPENDIX B

PHOTO PAGES

Photograph 1: View of the former auto-repair shop in the western portion of the Site and the canopy-covered fuel dispenser area.

Photograph 2: View of the former canopy-covered fuel dispense area in the southern portion of the Site.

Photograph 3: View of the former convenience store in the northern portion of the site; to the right is the former tank field of the Site.

Photograph 4: View of boring B-2 located in the southwest portion of the Site.

Photograph 5: View of boring B-6 located in the northeast portion of the Site.

Photograph 6: Another view of the auto-repair shop with associated work garage behind the main building.

APPENDIX C

BORING LOGS

Project:	Sheet:	Boring Number:	
Bronx Phase II	1 of 6	B-1	Advantage Environmental Consultants, LLC
Site Location:	Location:	Elevation:	Job Number:
3083 Webster Avenue	Bronx, New York 10470	N/A	
Drill Contractor:	Engineer/Geologist:	Date Begun:	Date Finished:
Eastern Environmental	Zach Bartley	12/23/2021	12/23/2021
Drill Rig/Driller	Weather:	Groundwater Depth:	
Geoprobe Nick and Steve	Partly Cloudy 38°F	NA	
Hole Size:	Drill Method:	Drill Fluid:	
2.25"	Direct Push	N/A	

Depth (feet)	Soil Classification	Depth of Sample	Sample Type	Groundwater depth	PID Reading (ppm)	Comments
0-1'	Asphalt, crushed stone				0.0	No Odor
1'-5'	Small rocks, silty, brown				0.0	No Odor
5'-8'	Silty sand, brown/black				0.0	Odd Odor
8'-14'	Dense silty sand, brown				0.0	No Odor
14'-18'	Looser silty sand, brown				0.0	No Odor
18'-20'	Small rocks, silty brown	20'	Soil		0.0	No Odor
	Refusal @ 20'					

Project:	Sheet:	Boring Number:	
Bronx Phase II	2 of 6	B-2	Advantage Environmental Consultants, LLC
Site Location:	Location:	Elevation:	Job Number:
3083 Webster Avenue	Bronx, New York 10470	N/A	
Drill Contractor:	Engineer/Geologist:	Date Begun:	Date Finished:
Eastern Environmental	Zach Bartley	12/23/2021	12/23/2021
Drill Rig/Driller	Weather:	Groundwater Depth:	
Geoprobe Nick and Steve	Partly Cloudy 38°F	NA	
Hole Size:	Drill Method:	Drill Fluid:	
2.25"	Direct Push	N/A	

Depth (feet)	Soil Classification	Depth of Sample	Sample Type	Groundwater depth	PID Reading (ppm)	Comments
0-1'	Asphalt, crushed stone				0.0	No Odor
1'-5'	Silty, some clay, brown				0.0	No Odor
5'-7'	Dense sandy clay, brown				0.0	Odd Odor
7'-12'	Brown silt, some small rocks				0.0	No Odor
12'-20'	Brown/Black silty sand	20'	Soil		0.0	No Odor
	Refusal @ 20'					

Project:	Sheet:	Boring Number:	
Bronx Phase II	3 of 6	B-3	Advantage Environmental Consultants, LLC
Site Location:	Location:	Elevation:	Job Number:
3083 Webster Avenue	Bronx, New York 10470	N/A	
Drill Contractor:	Engineer/Geologist:	Date Begun:	Date Finished:
Eastern Environmental	Zach Bartley	12/23/2021	12/23/2021
Drill Rig/Driller	Weather:	Groundwater Depth:	
Geoprobe Nick and Steve	Partly Cloudy 38°F	NA	
Hole Size:	Drill Method:	Drill Fluid:	
2.25"	Direct Push	N/A	

Depth (feet)	Soil Classification	Depth of Sample	Sample Type	Groundwater depth	PID Reading (ppm)	Comments
0-1'	Asphalt, gravel mix				0.0	No Odor
1'-5'	Some clay, silty sand brown				0.0	No Odor
5'-9'	Brown silt				0.0	Odd Odor
9'-12'	Brown silty sand				0.0	No Odor
12'-15'	Brown silty sand to rock	15'	Soil		0.0	No Odor
	Refusal @ 15'					

Project:	Sheet:	Boring Number:	
Bronx Phase II	4 of 6	B-4	Advantage Environmental Consultants, LLC
Site Location:	Location:	Elevation:	Job Number:
3083 Webster Avenue	Bronx, New York 10470	N/A	
Drill Contractor:	Engineer/Geologist:	Date Begun:	Date Finished:
Eastern Environmental	Zach Bartley	12/23/2021	12/23/2021
Drill Rig/Driller	Weather:	Groundwater Depth:	
Geoprobe Nick and Steve	Partly Cloudy 38°F	NA	
Hole Size:	Drill Method:	Drill Fluid:	
2.25"	Direct Push	N/A	

Depth (feet)	Soil Classification	Depth of Sample	Sample Type	Groundwater depth	PID Reading (ppm)	Comments
0-1'	Asphalt, gravel mix				0.0	No Odor
1'-3'	Silty sand brown				0.0	No Odor
3'-10'	Dense silty clay				0.0	Odd Odor
10'-13'	Slightly dense silty clay				0.0	No Odor
13'-18'	Brown silty sand	18'	Soil		0.0	No Odor
	Refusal @ 18'					

Project:	Sheet:	Boring Number:	
Bronx Phase II	5 of 6	B-5	AEC Advantage Environmental Consultants, LLC
Site Location:	**Location:**	**Elevation:**	**Job Number:**
3083 Webster Avenue	Bronx, New York 10470	N/A	
Drill Contractor:	**Engineer/Geologist:**	**Date Begun:**	**Date Finished:**
Eastern Environmental	Zach Bartley	12/23/2021	12/23/2021
Drill Rig/Driller	**Weather:**	**Groundwater Depth:**	
Geoprobe Nick and Steve	Partly Cloudy 38°F	NA	
Hole Size:	**Drill Method:**	**Drill Fluid:**	
2.25"	Direct Push	N/A	

Depth (feet)	Soil Classification	Depth of Sample	Sample Type	Groundwater depth	PID Reading (ppm)	Comments
0-1'	Asphalt, crushed rock				0.0	No Odor
1'-4'	Silty sand, brown				0.0	No Odor
4'-9'	Brown silty sand, some clay				0.0	Odd Odor
9'-14'	Brown silty sand to rock	14'	Soil		0.0	No Odor
	Refusal @ 14'					

Project: Bronx Phase II	Sheet: 6 of 6	Boring Number: B-6	Advantage Environmental Consultants, LLC
Site Location: 3083 Webster Avenue	Location: Bronx, New York 10470	Elevation: N/A	Job Number:
Drill Contractor: Eastern Environmental	Engineer/Geologist: Zach Bartley	Date Begun: 12/23/2021	Date Finished: 12/23/2021
Drill Rig/Driller: Geoprobe, Nick and Steve	Weather: Partly Cloudy 38°F	Groundwater Depth: NA	
Hole Size: 2.25"	Drill Method: Direct Push	Drill Fluid: N/A	

Depth (feet)	Soil Classification	Depth of Sample	Sample Type	Groundwater depth	PID Reading (ppm)	Comments
0-1'	Asphalt, crushed rock				0.0	No Odor
1'-6'	Silty clay, silty sand brown				0.0	No Odor
6'-9'	Brown silty sand	9'	Soil		0.0	Odd Odor
	Refusal @ 9'					

APPENDIX D

LABORATORY ANALYTICAL REPORT
AND
CHAIN OF CUSTODY DOCUMENTATION

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Advantage Environmental Consultants

3083 Webster Avenue, Bronx, NY

21-149P

SGS Job Number: JD37321

Sampling Date: 12/23/21

Report to:

Advantage Environmental Consultants
3819 Germantown Pike Suite B
Collegeville, PA 19426
JPavlik@aec-env.com; zbartley@aec-env.com

ATTN: John Pavlik

Total number of pages in report: 20

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Mike Earp
General Manager

Client Service contact: Beth Stopen 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

Sections: 1 2 3 4

Table of Contents

SGS North America Inc.

Sample Summary

Advantage Environmental Consultants

Job No: JD37321

3083 Webster Avenue, Bronx, NY
Project No: 21-149P

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the RL							
JD37321-1	12/23/21	10:30	ZB	12/23/21	SO	Soil	B-1 @20'
JD37321-2	12/23/21	10:00	ZB	12/23/21	SO	Soil	B-2 @20'
JD37321-3	12/23/21	11:30	ZB	12/23/21	SO	Soil	B-3 @15'
JD37321-4	12/23/21	11:15	ZB	12/23/21	SO	Soil	B-4 @18'
JD37321-5	12/23/21	11:00	ZB	12/23/21	SO	Soil	B-5 @14'
JD37321-6	12/23/21	10:45	ZB	12/23/21	SO	Soil	B-6 @9'

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JD37321
Account: Advantage Environmental Consultants
Project: 3083 Webster Avenue, Bronx, NY
Collected: 12/23/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD37321-1	**B-1 @20'**					
No hits reported in this sample.						
JD37321-2	**B-2 @20'**					
Benzo(a)pyrene		35.2	34		ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		35.3	34		ug/kg	SW846 8270E
JD37321-3	**B-3 @15'**					
No hits reported in this sample.						
JD37321-4	**B-4 @18'**					
No hits reported in this sample.						
JD37321-5	**B-5 @14'**					
No hits reported in this sample.						
JD37321-6	**B-6 @9'**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	B-1 @20'		
Lab Sample ID:	JD37321-1	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8260D	**Percent Solids:**	96.7
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C172574.D	1	01/02/22 20:11	PS	n/a	n/a	V3C7599
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.52	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	ug/kg	
108-20-3	Di-Isopropyl ether	ND	2.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	26	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.1	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.1	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		72-130%
17060-07-0	1,2-Dichloroethane-D4	99%		75-131%
2037-26-5	Toluene-D8	103%		81-121%
460-00-4	4-Bromofluorobenzene	101%		60-141%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-1 @20'		
Lab Sample ID:	JD37321-1	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8270E SW846 3546	**Percent Solids:**	96.7
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P146939.D	1	01/05/22 05:34	CS	01/04/22 11:00	OP37436	EP6772
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	34	ug/kg	
208-96-8	Acenaphthylene	ND	34	ug/kg	
120-12-7	Anthracene	ND	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	ug/kg	
50-32-8	Benzo(a)pyrene	ND	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	ug/kg	
218-01-9	Chrysene	ND	34	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	ug/kg	
206-44-0	Fluoranthene	ND	34	ug/kg	
86-73-7	Fluorene	ND	34	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	34	ug/kg	
91-20-3	Naphthalene	ND	34	ug/kg	
85-01-8	Phenanthrene	ND	34	ug/kg	
129-00-0	Pyrene	ND	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	48%		10-119%
321-60-8	2-Fluorobiphenyl	49%		18-112%
1718-51-0	Terphenyl-d14	57%		18-125%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-2 @20'		
Lab Sample ID:	JD37321-2	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8260D	**Percent Solids:**	96.7
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C172575.D	1	01/02/22 20:36	PS	n/a	n/a	V3C7599
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.52	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	ug/kg	
108-20-3	Di-Isopropyl ether	ND	2.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	26	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.1	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.1	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-130%
17060-07-0	1,2-Dichloroethane-D4	100%		75-131%
2037-26-5	Toluene-D8	103%		81-121%
460-00-4	4-Bromofluorobenzene	103%		60-141%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-2 @20'		
Lab Sample ID:	JD37321-2	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8270E SW846 3546	**Percent Solids:**	96.7
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P146949.D	1	01/05/22 09:40	CS	01/04/22 11:00	OP37436	EP6772
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	34	ug/kg	
208-96-8	Acenaphthylene	ND	34	ug/kg	
120-12-7	Anthracene	ND	34	ug/kg	
56-55-3	Benzo(a)anthracene	ND	34	ug/kg	
50-32-8	Benzo(a)pyrene	35.2	34	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	34	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	34	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	34	ug/kg	
218-01-9	Chrysene	ND	34	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	34	ug/kg	
206-44-0	Fluoranthene	ND	34	ug/kg	
86-73-7	Fluorene	ND	34	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	35.3	34	ug/kg	
91-20-3	Naphthalene	ND	34	ug/kg	
85-01-8	Phenanthrene	ND	34	ug/kg	
129-00-0	Pyrene	ND	34	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	55%		10-119%
321-60-8	2-Fluorobiphenyl	60%		18-112%
1718-51-0	Terphenyl-d14	71%		18-125%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-3 @15'		
Lab Sample ID:	JD37321-3	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8260D	**Percent Solids:**	84.7
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C172576.D	1	01/02/22 21:01	PS	n/a	n/a	V3C7599
Run #2							

	Initial Weight
Run #1	5.9 g
Run #2	

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.50	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
108-20-3	Di-Isopropyl ether	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	25	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-130%
17060-07-0	1,2-Dichloroethane-D4	102%		75-131%
2037-26-5	Toluene-D8	103%		81-121%
460-00-4	4-Bromofluorobenzene	103%		60-141%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-3 @15'		
Lab Sample ID:	JD37321-3	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8270E SW846 3546	**Percent Solids:**	84.7
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	P146952.D	5	01/05/22 10:55	CS	01/04/22 11:00	OP37436	EP6772
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	190	ug/kg	
208-96-8	Acenaphthylene	ND	190	ug/kg	
120-12-7	Anthracene	ND	190	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	ug/kg	
218-01-9	Chrysene	ND	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	ug/kg	
206-44-0	Fluoranthene	ND	190	ug/kg	
86-73-7	Fluorene	ND	190	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	ug/kg	
91-20-3	Naphthalene	ND	190	ug/kg	
85-01-8	Phenanthrene	ND	190	ug/kg	
129-00-0	Pyrene	ND	190	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	55%		10-119%
321-60-8	2-Fluorobiphenyl	58%		18-112%
1718-51-0	Terphenyl-d14	65%		18-125%

(a) Dilution required due to viscosity of the extract matrix.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-4 @18'		
Lab Sample ID:	JD37321-4	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8260D	**Percent Solids:**	88.8
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C172577.D	1	01/02/22 21:26	PS	n/a	n/a	V3C7599
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.52	ug/kg	
104-51-8	n-Butylbenzene	ND	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.1	ug/kg	
108-20-3	Di-Isopropyl ether	ND	2.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.1	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	26	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.1	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.1	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.1	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		72-130%
17060-07-0	1,2-Dichloroethane-D4	100%		75-131%
2037-26-5	Toluene-D8	104%		81-121%
460-00-4	4-Bromofluorobenzene	101%		60-141%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-4 @18'		
Lab Sample ID:	JD37321-4	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.8
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	P146953.D	5	01/05/22 11:20	CS	01/04/22 11:00	OP37436	EP6772
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	180	ug/kg	
208-96-8	Acenaphthylene	ND	180	ug/kg	
120-12-7	Anthracene	ND	180	ug/kg	
56-55-3	Benzo(a)anthracene	ND	180	ug/kg	
50-32-8	Benzo(a)pyrene	ND	180	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	180	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	180	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	180	ug/kg	
218-01-9	Chrysene	ND	180	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	180	ug/kg	
206-44-0	Fluoranthene	ND	180	ug/kg	
86-73-7	Fluorene	ND	180	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	ug/kg	
91-20-3	Naphthalene	ND	180	ug/kg	
85-01-8	Phenanthrene	ND	180	ug/kg	
129-00-0	Pyrene	ND	180	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	51%		10-119%
321-60-8	2-Fluorobiphenyl	54%		18-112%
1718-51-0	Terphenyl-d14	61%		18-125%

(a) Dilution required due to viscosity of the extract matrix.

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-5 @14'		
Lab Sample ID:	JD37321-5	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8260D	**Percent Solids:**	95.9
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C172603.D	1	01/03/22 18:34	PS	n/a	n/a	V3C7600
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.59	ug/kg	
104-51-8	n-Butylbenzene	ND	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.4	ug/kg	
108-20-3	Di-Isopropyl ether	ND	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	ug/kg	
98-82-8	Isopropylbenzene	ND	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	ug/kg	
91-20-3	Naphthalene	ND	5.9	ug/kg	
103-65-1	n-Propylbenzene	ND	2.4	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	30	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.4	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.4	ug/kg	
108-88-3	Toluene	ND	1.2	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	ug/kg	
	m,p-Xylene	ND	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.2	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		72-130%
17060-07-0	1,2-Dichloroethane-D4	100%		75-131%
2037-26-5	Toluene-D8	103%		81-121%
460-00-4	4-Bromofluorobenzene	104%		60-141%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-5 @14'		
Lab Sample ID:	JD37321-5	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8270E SW846 3546	**Percent Solids:**	95.9
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P146950.D	1	01/05/22 10:05	CS	01/04/22 11:00	OP37436	EP6772
Run #2							

	Initial Weight	Final Volume
Run #1	31.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	33	ug/kg	
208-96-8	Acenaphthylene	ND	33	ug/kg	
120-12-7	Anthracene	ND	33	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	ug/kg	
218-01-9	Chrysene	ND	33	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	ug/kg	
206-44-0	Fluoranthene	ND	33	ug/kg	
86-73-7	Fluorene	ND	33	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	ug/kg	
91-20-3	Naphthalene	ND	33	ug/kg	
85-01-8	Phenanthrene	ND	33	ug/kg	
129-00-0	Pyrene	ND	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		10-119%
321-60-8	2-Fluorobiphenyl	68%		18-112%
1718-51-0	Terphenyl-d14	83%		18-125%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-6 @9'		
Lab Sample ID:	JD37321-6	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8260D	**Percent Solids:**	94.7
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C172604.D	1	01/03/22 19:00	PS	n/a	n/a	V3C7600
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA STARS List

CAS No.	Compound	Result	RL	Units	Q
71-43-2	Benzene	ND	0.51	ug/kg	
104-51-8	n-Butylbenzene	ND	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.0	ug/kg	
108-20-3	Di-Isopropyl ether	ND	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.0	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	25	ug/kg	
994-05-8	tert-Amyl Methyl Ether	ND	2.0	ug/kg	
637-92-3	tert-Butyl Ethyl Ether	ND	2.0	ug/kg	
108-88-3	Toluene	ND	1.0	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	ug/kg	
	m,p-Xylene	ND	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		72-130%
17060-07-0	1,2-Dichloroethane-D4	102%		75-131%
2037-26-5	Toluene-D8	103%		81-121%
460-00-4	4-Bromofluorobenzene	100%		60-141%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	B-6 @9'		
Lab Sample ID:	JD37321-6	**Date Sampled:**	12/23/21
Matrix:	SO - Soil	**Date Received:**	12/23/21
Method:	SW846 8270E SW846 3546	**Percent Solids:**	94.7
Project:	3083 Webster Avenue, Bronx, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	P146946.D	1	01/05/22 08:26	CS	01/04/22 11:00	OP37436	EP6772
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

BN PAH List

CAS No.	Compound	Result	RL	Units	Q
83-32-9	Acenaphthene	ND	35	ug/kg	
208-96-8	Acenaphthylene	ND	35	ug/kg	
120-12-7	Anthracene	ND	35	ug/kg	
56-55-3	Benzo(a)anthracene	ND	35	ug/kg	
50-32-8	Benzo(a)pyrene	ND	35	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	35	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	35	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	35	ug/kg	
218-01-9	Chrysene	ND	35	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	35	ug/kg	
206-44-0	Fluoranthene	ND	35	ug/kg	
86-73-7	Fluorene	ND	35	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	35	ug/kg	
91-20-3	Naphthalene	ND	35	ug/kg	
85-01-8	Phenanthrene	ND	35	ug/kg	
129-00-0	Pyrene	ND	35	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	42%		10-119%
321-60-8	2-Fluorobiphenyl	44%		18-112%
1718-51-0	Terphenyl-d14	54%		18-125%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS

EHSA-QAC-0023-04-FORM-Standard COC

50
SLL

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

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FED-EX Tracking #
Bottle Order Control #: BW-121621-192
SGS Quote #
SGS Job #: JD37321

Client / Reporting Information		Project Information		
Company Name: AEC		Project Name: 3083 Webster Ave		
Street Address: 3819 Germantown Pike, PA 19426		Street: 3083 Webster Ave	Billing Information (if different from Report to)	
City: Collegeville State: PA Zip: 19426		City: Bronx State: NY	Company Name	
Project Contact: John Pavlik	E-mail: jpavlik@aec-…	Project #	Street Address	
Phone #: 610-567-3200		Client Purchase Order #	City	State Zip
Sampler(s) Name(s): Zach Barthy	Phone #	Project Manager: John Pavlik	Attention:	

Requested Analysis: B8270CP51FD; VMS + TBA; VMS + TAME; VMS + ETOE; VMS + EDB; VMS + DIPE; VMS + 12D

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB - Field Blank; EB-Equipment Blank; RB - Rinse Blank; TB - Trip Blank

pH Check (Lab Use Only)

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	HCl	NaOH	HNO_3	H_2SO_4	NONE	DI Water	MEOH	ENCORE	B8270CP51FD	VMS + TBA	VMS + TAME	VMS + ETOE	VMS + EDB	VMS + DIPE	VMS + 12D	LAB USE ONLY
1	B-1 @20'		12/23/21	10:30	ZB	G		SO	5					2	2	1		X	X	X	X	X	X	X	
2	B-2 @20'		↓	10:00	↓	↓		↓	↓					↓	↓	↓		↓	↓	↓	↓	↓	↓	↓	
3	B-3 @15'			11:30																					D63
4	B-4 @18'			11:15																					P64
5	B-5 @14'			11:00																					1VM3
6	B-6 @9'			10:45																					493

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [ ] 10 Business Days
- [x] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day
- [ ] Other

All data available via Lablink

* Approval needed for 1-3 Business Day TAT

3A-PM
Initial Assessment
Label Verification

Deliverable

- [x] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [ ] EDD Format
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

Results to jpavlik@aec-env.com
zbarthy@aec-env.com

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1 [signature]	12/23/21 1:35	1 [signature]	2		2
3		3	4		4
5		5	Custody Seal #	☐ Intact ☐ Not intact / Absent ☐	Therm ID: IR-4; On Ice ✓; Cooler Temp. °C 3.1 C IR; See Sample Receipt Summary

4.1

4

JD37321: Chain of Custody
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