Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

August 10, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Monthly Progress Report – July 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] during the month of July 2018. The following activities were conducted:

- AKRF scheduled the second phase of the Remedial Investigation (RI) for August 2, 3, and 6, 2018.
- AKRF received the validated soil and soil vapor electronic data deliverable (EDD) and the data usability summary report (DUSR) from New York State-certified data validator from the first phase of the RI.
- On July 12, 2018, AKRF collected groundwater samples from monitoring wells RI-MW-01 and RI-MW-02.
- On July 19, 2018, a conference call was held between representatives of NYSDEC, the Volunteer, and AKRF to discuss the second phase of the RI. Due to Site building asbestos abatement and demolition delays, the proposed sampling locations within the Site building were relocated outside the building footprint on the Fteley and Westchester Avenue sidewalks. The revised proposed sampling locations are shown on Figure 1.
- Monadnock Construction, the general contractor for the project, submitted demolition and fence permit applications to the New York City Department of Buildings (NYCDOB).
- AKRF continued preparing the Draft RI Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH). The Draft RIR will document the RI field activities, summarize the analytical results, and provide a conceptual site model of contamination.

The following work is planned for August 2018:

- Approval and issuance of the demolition and fence permits is expected from the New York City Department of Buildings (NYCDOB).
- Demolition of the Site buildings is expected to begin.

- AKRF will initiate the second phase of the RI.
- AKRF will receive the groundwater analytical data from the initial phase of RI sampling. The data will be sent to a New York State-certified data validator and a data usability summary report (DUSR) will be prepared.
- Completion of the second phase of the RI field activities will occur in coordination with ongoing asbestos abatement and demolition of the Site building.

If you have any questions regarding the information presented in this letter, please contact Deborah Shapiro at (646) 388-9544 or Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Michelle Lapin, P.E.
Senior Vice President

Enc.: Figure 1 – Remedial Investigation Sample Location Map

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming – NYSDOH
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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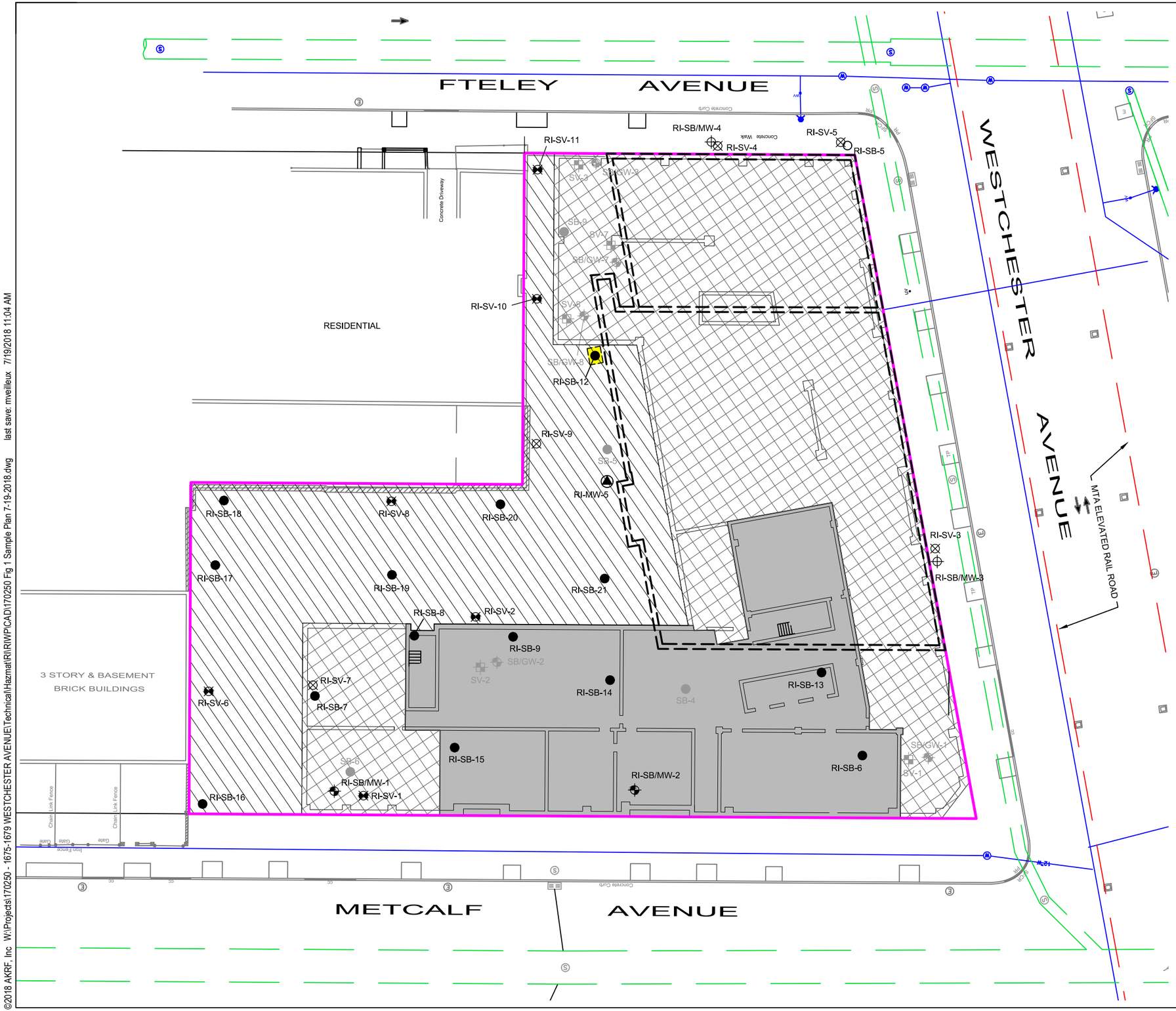
FIGURE



LEGEND

- BCP SITE BOUNDARY
- COMPLETED REMEDIAL INVESTIGATION SOIL BORING LOCATION
- COMPLETED REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION
- COMPLETED REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION
- PROPOSED REMEDIAL INVESTIGATION SOIL BORING LOCATION
- PROPOSED REMEDIAL INVESTIGATION TEMPORARY SUB-SLAB/ SOIL VAPOR POINT LOCATION
- PROPOSED REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION
- PROPOSED REMEDIAL INVESTIGATION MONITORING WELL LOCATION
- SUBSURFACE (PHASE II) INVESTIGATION SOIL BORING LOCATION (2017)
- SUBSURFACE (PHASE II) INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (2017)
- SUBSURFACE (PHASE II) INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (2017)
- EXISTING BUILDING FOOTPRINT
- PROPOSED NEW BUILDING CELLAR
- PROPOSED NEW BUILDING CRAWL SPACE
- PROPOSED COURTYARD
- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
- SEWER LINE
- WATER LINE

Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".

2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.

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SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

1675 Apartments
1675-1679 Westchester Avenue
Bronx, New York

REMEDIAL INVESTIGATION SAMPLE LOCATION MAP

DATE
7/19/2018

PROJECT NO.
170250

FIGURE
1

Environmental, Planning, and Engineering Consultants
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September 18, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Monthly Progress Report – August 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] during the month of August 2018. The following activities were conducted:

- On August 21, 22, and 24, AKRF conducted RI fieldwork in the eastern portion of the Site building (former dry cleaner). Work included: installation of 2 soil vapor points with the collection of 2 soil vapor samples for laboratory analysis; installation and development of 1 groundwater monitoring well and development of the geotechnical well on the Fteley Avenue sidewalk; and advancement of 3 soil borings with the collection of 3 soil samples for laboratory analysis. Work was conducted in accordance with the NYSDEC-approved RI Work Plan (RIWP), with the exception that soil samples were not collected from soil boring RI-SB-11 due to shallow groundwater observed directly beneath the Site building cellar slabPhotographs of the work are included as Attachment A. Figure 1 shows the completed and proposed sample locations.
- AKRF and its drilling subcontractor (AARCO Environmental Services, Inc.) began filing for the Metropolitan Transit Authority (MTA) railroad protection insurance to complete the portion of the RI in the Westchester Avenue sidewalk.
- AKRF scheduled additional Remedial Investigation (RI) work for September 4, 2018.
- AKRF continued preparing the Draft RI Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH). The Draft RIR will document the RI field activities, summarize the analytical results, and provide a conceptual site model of contamination.
- AKRF began preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH, which will include remedial measures to be implemented during redevelopment.
- Asbestos abatement within the Site building continued.
- AKRF revised the BCP Site schedule, which is included as Attachment B.

The following work is planned for September 2018:

- Approval and issuance of the demolition and fence permits is expected from the New York City Department of Buildings (NYCDOB).
- Demolition of the Site building is expected to begin.
- AKRF will collect groundwater samples from monitoring wells RI-MW-04 and RI-MW-05, and geotechnical well RI-B-12. Groundwater monitoring wells RI-MW-01 through RI-MW-05 and RI-B-12 will be surveyed by a New York State-licensed surveyor.
- AKRF and its drilling subcontractor will continue to coordinate to obtain MTA railroad insurance to conduct the final phase of the RI within the Westchester Avenue sidewalk.

If you have any questions regarding the information presented in this letter, please contact Deborah Shapiro at (646) 388-9544 or Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Michelle Lapin, P.E.
Senior Vice President

Enc.: Attachment A – Photographic Log
Attachment B – Updated BCP Schedule
Figure 1 – Remedial Investigation Sample Location Map

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming – NYSDOH
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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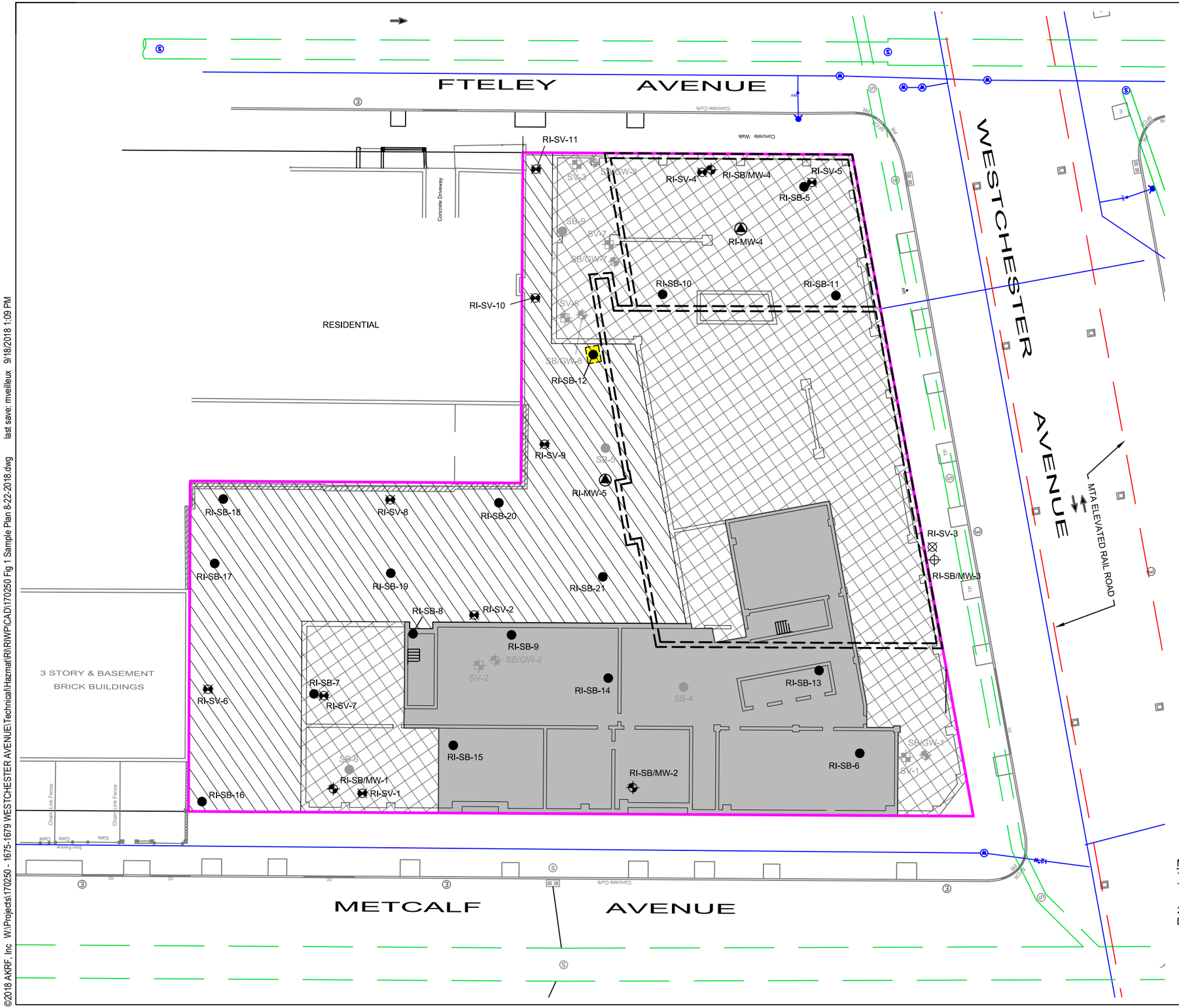

LEGEND

- BCP SITE BOUNDARY
- COMPLETED REMEDIAL INVESTIGATION SOIL BORING LOCATION
- COMPLETED REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION
- COMPLETED REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION
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- WATER LINE

Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".

2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.

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SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

1675 Apartments
1675-1679 Westchester Avenue
Bronx, New York

REMEDIAL INVESTIGATION SAMPLE LOCATION MAP

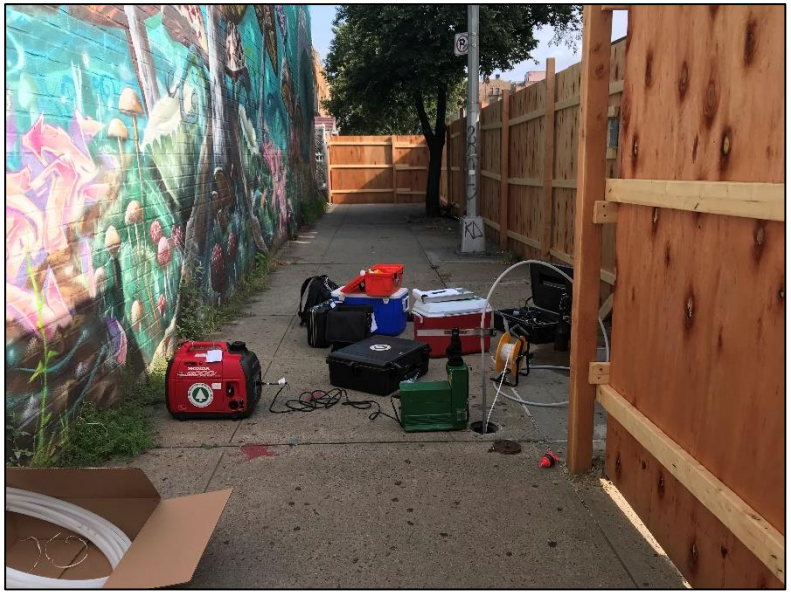
DATE
9/18/2018

PROJECT NO.
170250

FIGURE
1

Photograph 1: Coring through the Site building concrete basement slab to facilitate installation of temporary soil vapor point RI-SV-04.

Photograph 2: Groundwater encountered immediately beneath the Site building cellar slab at soil boring RI-SB-11.



Photograph 3: Development of geotechnical well RI-B12 in the Fteley Avenue sidewalk.

Photograph 3: Installation of groundwater monitoring well RI-MW-05.

Photograph 5: Typical Site lithology at RI-MW-05.

Photograph 6: Purging and screening at temporary soil vapor point RI-SV-07 prior to sample collection.

Attachment B
Proposed Project Schedule

Activity	Time To Complete
End of BCP Application Public Comment Period and Draft RIWP Comments Received	March 2018
Execute Brownfield Cleanup Agreement and Final Submittal/Approval of RIWP	May 2018
Citizen Participation Plan (CPP)	May 2018
Remedial Investigation (RI) is Initiated	May 2018
Site Building Demolition	September - October 2018
Remedial Investigation (RI) is Completed	September/October 2018
Draft RI Report (RIR) Submitted to NYSDEC	October 2018
Draft Remedial Action Work Plan (RAWP) and Fact Sheet Submitted to NYSDEC	October 2018
45-day Public Comment Period for RAWP is Initiated	October 2018
Public Comment Period for RAWP Ends	December 2018
Final RAWP Submitted/NYSDEC Approves and Issues Decision Document	December 2018
Issue Remedial/Construction Notice Fact Sheet	December 2018
Begin Redevelopment (Construction) with Implementation of RAWP	January 2019
Draft Site Management Plan (SMP) Submitted to NYSDEC	July 2020
Execution of Environmental Easement	Summer 2020
Draft Final Engineering Report and Fact Sheet	September 2020
Certificate of Completion and Fact Sheet	December 2020
Completion of Building	December 2022

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www.akrf.com

October 15, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Monthly Progress Report – September 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] during the month of September 2018. The following activities were conducted:

- On September 4 and 6, 2018, AKRF collected groundwater samples for laboratory analysis from monitoring wells RI-MW-04 and RI-MW-05, and geotechnical well RI-B-12 as part of the Remedial Investigation (RI).
- On September 4, 2018, groundwater monitoring wells RI-MW-01 through RI-MW-05 and RI-B-12 were surveyed by Roguski Surveying, P.C. (Roguski), a New York State-licensed surveyor.
- On September 5, 2018, Monadnock Construction (Monadnock), the general contractor for the Site, filed the variance permit for the Site building.
- On September 12, 2018, AKRF received Railroad Liability Protection Insurance.
- On September 20, 2018, the New York City Department of Buildings (NYCDOB) issued the demolition permit for the 1679 Westchester Avenue portion of the Site building.
- On September 20, 2018, AKRF's drilling subcontractor (AARCO Environmental Services, Inc.) received Railroad Liability Protection Insurance and submitted the requisite paperwork to the Metropolitan Transit Authority (MTA).
- On September 27, 2018, members of AKRF and the New York City Office of Environmental Remediation (NYCOER) held a meeting to discuss the proposed project schedule and deliverables to satisfy the Hazardous Materials, Noise, and Air E Designations.
- AKRF prepared daily reports and weekly progress reports and submitted them to NYSDEC and NYSDOH throughout September 2018. The daily progress reports are included in Attachment A and the weekly progress reports are included in Attachment B.
- The asbestos abatement contractor completed asbestos abatement on the Site building roof.
- Demolition of the eastern portion of the Site building (1679 Westchester Avenue) was completed.

- AKRF continued preparing the Draft RI Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.

The following work is planned for October 2018:

- AKRF will complete the final phase of the RI, which will include the installation, development, and sampling of groundwater monitoring well RI-MW-03, the advancement and sampling of soil boring RI-SB-03, and the installation and sampling of temporary soil vapor point RI-SV-03. AKRF will collect groundwater, soil, and soil vapor samples in accordance with the NYSDEC-approved RIWP. Air monitoring will be conducted during subsurface work in accordance with the NYSDEC-approved Health and Safety Plan (HASP).
- Groundwater monitoring well RI-MW-03 will be surveyed by Roguski, a NYS-licensed surveyor.
- AKRF will submit the Draft RIR and Draft RAWP to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Deborah Shapiro at (646) 388-9544 or Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Michelle Lapin, P.E.
Senior Vice President

Enc.: Attachment A – Daily Progress Reports – September 2018
Attachment B – Weekly Progress Reports – September 2018
Figure 1 – Remedial Investigation Sample Location Map

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming – NYSDOH
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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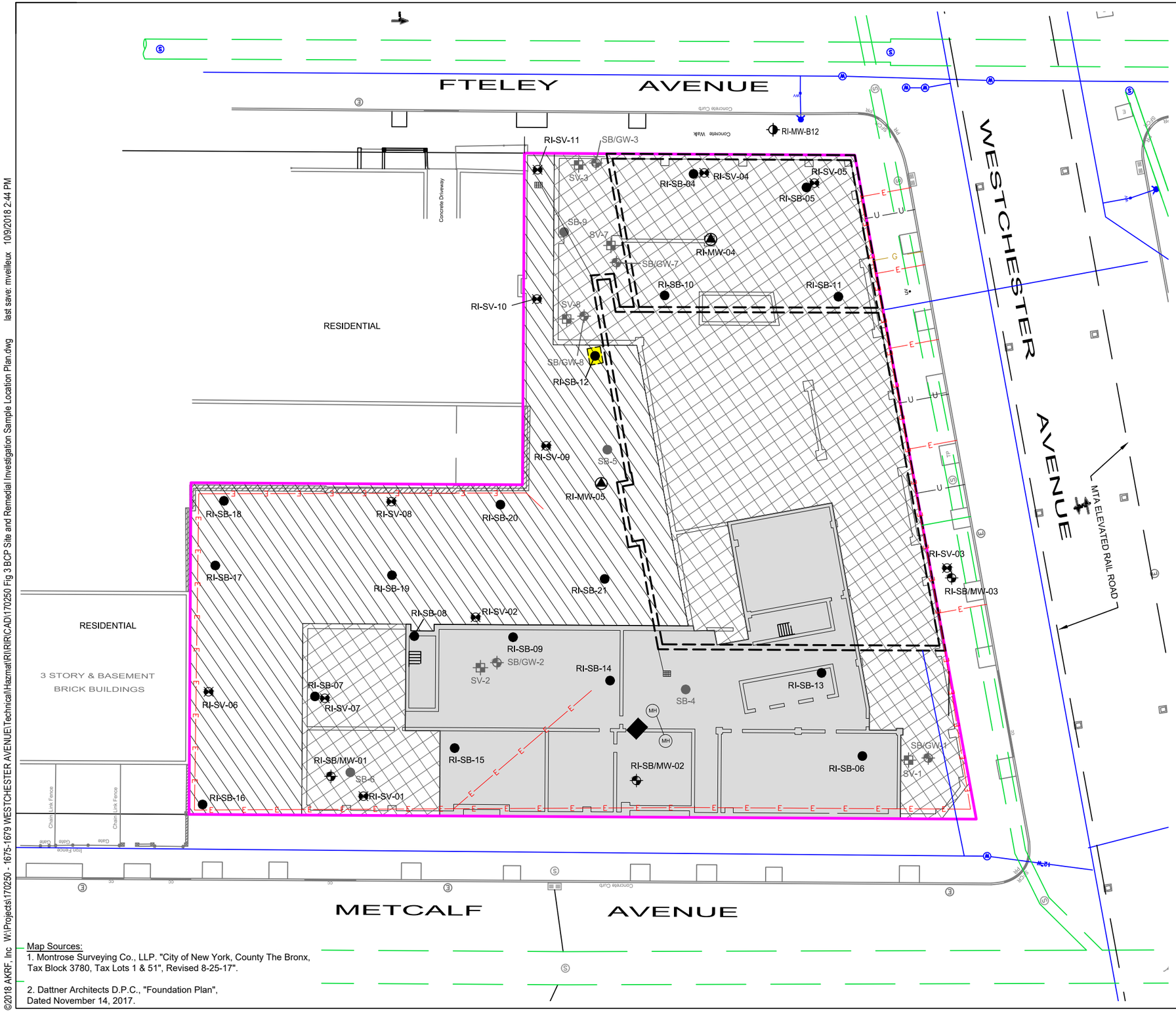
FIGURE 1



LEGEND

- BCP SITE BOUNDARY
- REMEDIAL INVESTIGATION SOIL BORING LOCATION (AKRF, 2018)
- REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2018)
- REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (AKRF, 2018)
- REMEDIAL INVESTIGATION MONITORING WELL LOCATION (AKRF, 2018)
- SUBSURFACE INVESTIGATION SOIL BORING LOCATION (AKRF, 2017)
- SUBSURFACE INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2017)
- SUBSURFACE INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (AKRF, 2017)
- GEOTECHNICAL GROUNDWATER MONITORING WELL LOCATION (HALEY AND ALDRICH, 2017)
- FORMER BUILDING FOOTPRINT
- PROPOSED NEW BUILDING CELLAR
- PROPOSED NEW BUILDING CRAWL SPACE
- PROPOSED COURTYARD
- FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
- SEWER LINE
- WATER LINE
- ELECTRIC LINE
- UNKNOWN UTILITY
- NATURAL GAS
- DRAIN AND SUBTERRANEAN LEADER
- MANHOLE
- ANOMALY

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SCALE IN FEET

Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".

2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.

AKRF
440 Park Avenue South, New York, NY 10016

1675 Apartments
1675-1679 Westchester Avenue
Bronx, New York

BCP SITE AND REMEDIAL INVESTIGATION SAMPLE LOCATION PLAN

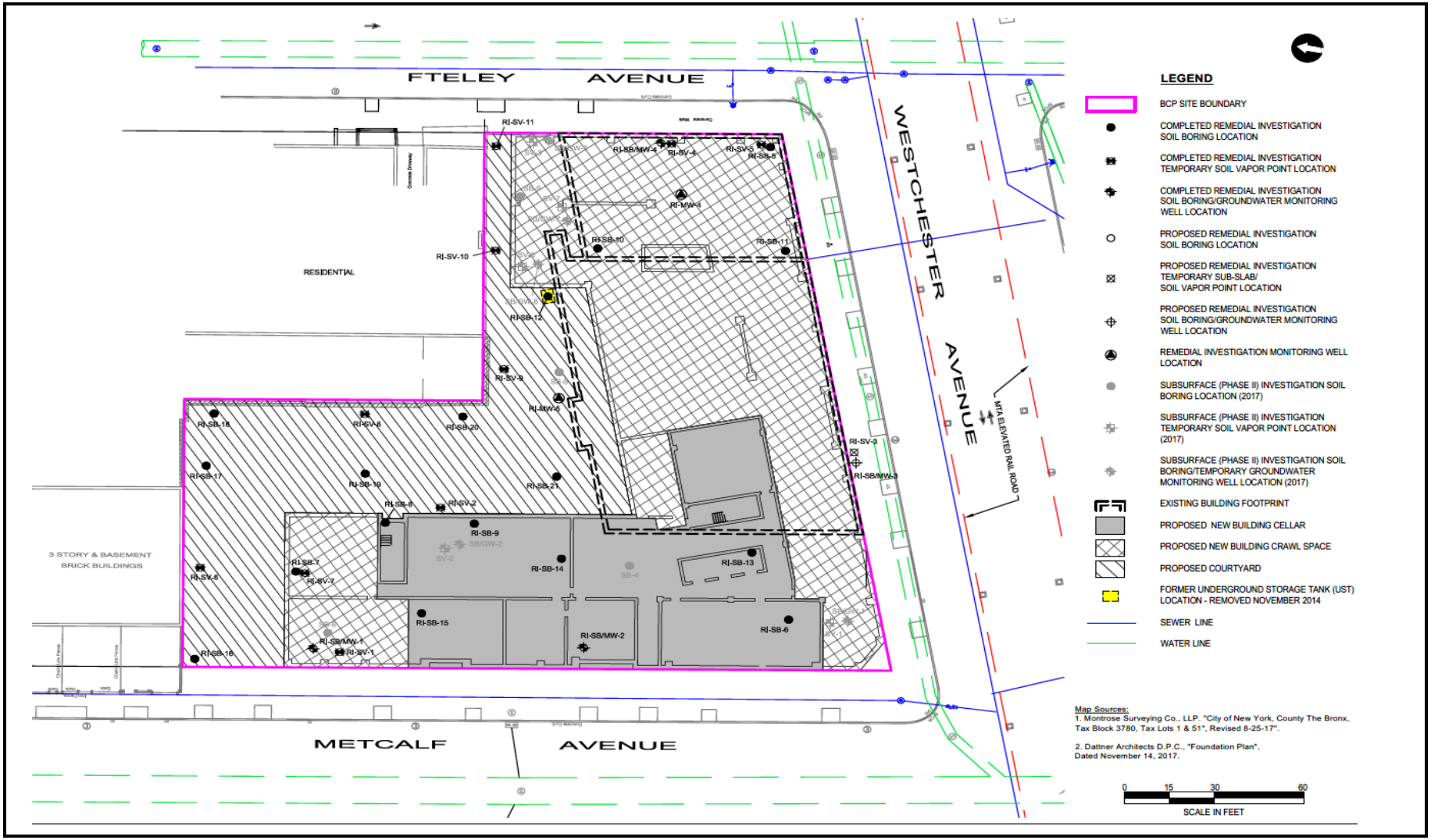
DATE
10/9/2018

PROJECT NO.
170250

FIGURE
1

ATTACHMENT A

AKRF	**Daily Activity Report**
	1675 Apartments
	1675-1679 Westchester Avenue, New York
	BCP Site No. C203107
General Site Information	
Date:	Tuesday, September 04, 2018
Weather:	Sunny, 69-77 ^{o}F
Wind Direction/Speed:	ENE @ ~ 6 mph
AKRF Personnel on Site:	Mark Candelario
AKRF Equipment on Site:	10.7 eV PID, Horiba U52 Water Meter, Heron Skinny Dipper, QED Sample Pro
Subcontractors on Site:	Roguski Land Surveying, P.C.
Description and Location of Work Activities Performed	
AKRF collected groundwater samples from monitoring well RI-MW-B12 for laboratory analysis. The sampling locations are shown on page 2 of this report.	
No evidence of contamiation [i.e., elevated photoionization detector (PID) readings, staining, odors, etc.] was detected.	
Roguski Land Surveying, P.C., a NYS-licensed surveyor, performed an elevation and location survey of groundwater monitoring wells RI-MW-01, RI-MW-02, RI-MW-04, RI-MW-05, and RI-MW-B12.	
Planned Work Activity for Following Days/Week:	
Collection and laboratory analysis of a groundwater sample from monitoring well RI-MW-04.	


FTELEY AVENUE
WESTCHESTER AVENUE
METCALF AVENUE
MTA ELEVATED RAIL ROAD
RESIDENTIAL
3 STORY & BASEMENT BRICK BUILDINGS
RI-SV-11
RI-SB/MW-4
RI-SV-4
RI-SV-5
RI-SB-5
RI-MW-4
RI-SB-10
RI-SB-11
RI-SV-10
RI-SB-12
RI-SV-9
RI-MW-5
RI-SB-18
RI-SV-8
RI-SB-20
RI-SB-17
RI-SB-19
RI-SB-21
RI-SB-8
RI-SV-2
RI-SB-9
RI-SB-7
RI-SV-7
RI-SV-6
RI-SB-14
RI-SB-13
RI-SB-15
RI-SB/MW-2
RI-SB-6
RI-SB-16
RI-SB/MW-1
RI-SV-1
RI-SV-3
RI-SB/MW-3
LEGEND
BCP SITE BOUNDARY
COMPLETED REMEDIAL INVESTIGATION SOIL BORING LOCATION
COMPLETED REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION
COMPLETED REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION
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REMEDIAL INVESTIGATION MONITORING WELL LOCATION
SUBSURFACE (PHASE II) INVESTIGATION SOIL BORING LOCATION (2017)
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SUBSURFACE (PHASE II) INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (2017)
EXISTING BUILDING FOOTPRINT
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PROPOSED NEW BUILDING CRAWL SPACE
PROPOSED COURTYARD
FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
SEWER LINE
WATER LINE
Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".
2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.
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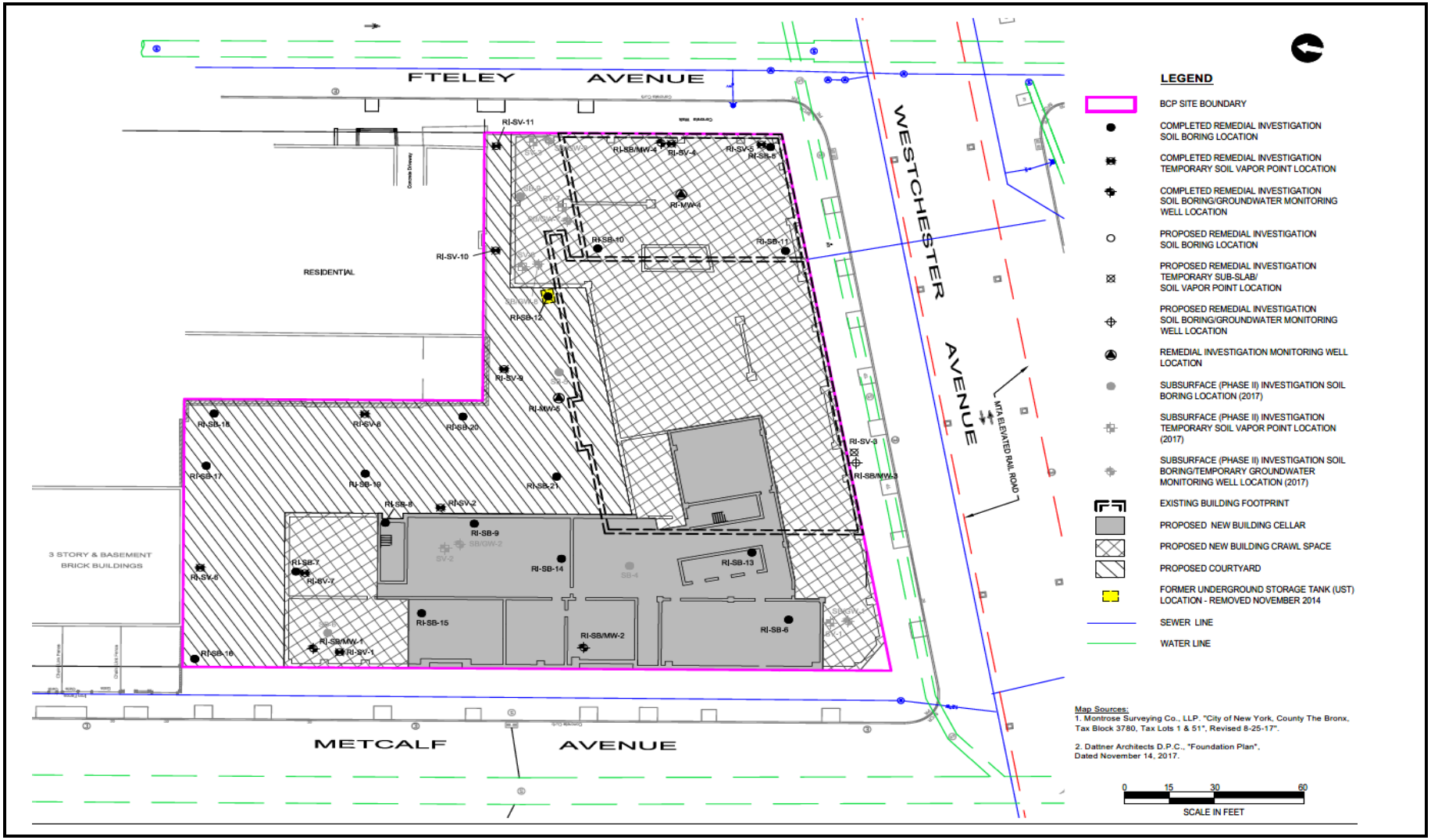
SCALE IN FEET

AKRF	**Daily Activity Report**
	1675 Apartments
	1675-1679 Westchester Avenue, New York
	BCP Site No. C203107
General Site Information	
Date:	Thursday, September 06, 2018
Weather:	Sunny (AM) & Rain (PM), 69-91 ^{o}F
Wind Direction/Speed:	N @ ~ 2 mph
AKRF Personnel on Site:	Marco Balletta
AKRF Equipment on Site:	10.7 eV PID, Horiba U52 Water Meter, Heron Skinny Dipper, QED Sample Pro
Subcontractors on Site:	None
Description and Location of Work Activities Performed	
AKRF collected groundwater samples from monitoring wells RI-MW-05 and RI-MW-04 for laboratory analysis. The sampling locations are shown on page 2 of this report.	
No evidence of contamiation [i.e., elevated photoionization detector (PID) readings, staining, odors, etc.] were detected.	
Planned Work Activity for Following Days/Week:	
Demolition of the Site building is expected to begin.	

MTA insurance will be obtained to install groundwater monitoring well/soil boring/soil vapor point RI-MW/SB/SV-03 on the Westchester Avenue sidewalk.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RI-SB/MW-4
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RI-SB-10
RI-SB-11
RI-SV-10
RI-SB-12
RI-SV-9
RI-MW-5
RI-SB-18
RI-SV-8
RI-SB-20
RI-SB-17
RI-SB-19
RI-SB-21
RI-SV-3
RI-SB/MW-3
RI-SB-8
RI-SV-2
RI-SB-9
RI-SB-7
RI-SV-7
RI-SB-14
RI-SB-13
RI-SV-6
RI-SB-15
RI-SB/MW-2
RI-SB-6
RI-SB/MW-1
RI-SV-1
RI-SB-16
LEGEND
BCP SITE BOUNDARY
COMPLETED REMEDIAL INVESTIGATION SOIL BORING LOCATION
COMPLETED REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION
COMPLETED REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION
PROPOSED REMEDIAL INVESTIGATION SOIL BORING LOCATION
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REMEDIAL INVESTIGATION MONITORING WELL LOCATION
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2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.
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SCALE IN FEET

PHOTOGRAPHS	
Photograph 1 - Sampling at groundwater monitoring well RI-MW-05 on the north-central portion of the Site.	
Photograph 2 - Sampling at groundwater monitoring well RI-MW-04 on the eastern portion of the Site in the Site building cellar.	

ATTACHMENT B

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

September 7, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – September 3, 2018 to September 7, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from September 3 to September 7, 2018. The following activities were conducted:

- On September 4 and 5, 2018, AKRF collected groundwater samples for laboratory analysis from monitoring wells RI-MW-04 and RI-MW-05, and geotechnical well RI-B-12 as part of the Remedial Investigation (RI).
- On September 5, 2018, Roguski Surveying, P.C., a New York State-licensed surveyor, surveyed the locations and elevations of groundwater monitoring wells RI-MW-01, RI-MW-02, RI-MW-04, RI-MW-05, and RI-B-12.
- On September 5, 2018, Monandnock Construction (Monandnock), the general contractor for the Site, filed the variance permit for the Site building.
- AKRF and its drilling subcontractor (AARCO Environmental Services, Inc.) continued to coordinate to obtain Metropolitan Transit Authority (MTA) railroad insurance to conduct the final phase of the RI.
- The abatement contractor continued asbestos abatement on the Site building roof.
- AKRF continued preparing the Draft RI Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).

The following work is planned for the week of September 10 through September 14, 2018:

- AKRF and its drilling subcontractor will continue to coordinate to obtain MTA railroad insurance to conduct the final phase of the RI.
- AKRF will collect groundwater samples from monitoring wells RI-MW-04 and RI-MW-05, and geotechnical well RI-B-12. Groundwater monitoring wells RI-MW-01 through RI-MW-05 and RI-B-12 will be surveyed by a NYS-licensed surveyor.
- AKRF will continue preparing the Draft RIR for submission to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

September 18, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – September 10, 2018 to September 14, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from September 10 to September 14, 2018. The following activities were conducted:

- On September 4, 2018, groundwater monitoring wells RI-MW-01 through RI-MW-05 and RI-B-12 were surveyed by a NYS-licensed surveyor.
- On September 4 and 6, 2018, AKRF collected groundwater samples from monitoring wells RI-MW-04 and RI-MW-05, and geotechnical well RI-B-12.
- On September 12, 2018, AKRF received Railroad Liability Protection Insurance.
- AKRF's drilling subcontractor (AARCO Environmental Services, Inc.) continued to coordinate to obtain MTA railroad insurance.
- AKRF continued preparing the Draft RI Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).

The following work is planned for the week of September 17 through September 21, 2018:

- AKRF and its drilling subcontractor will continue to coordinate to obtain MTA railroad insurance to install the last groundwater monitoring well of the RI.
- AKRF will continue preparing the Draft RIR for submission to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

September 21, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – September 17, 2018 to September 21, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from September 17 to September 21, 2018. The following activities were conducted:

- On September 20, 2018, the New York City Department of Buildings (NYCDOB) issued the demolition permit for the 1679 Westchester Avenue portion of the Site building.
- On September 20, 2018, AKRF's drilling subcontractor (AARCO Environmental Services, Inc.) received Railroad Liability Protection Insurance and submitted the requisite paperwork to the Metropolitan Transit Authority (MTA).
- AKRF scheduled the final phase of the RI for September 27, 2018. Work will include installation of groundwater monitoring well RI-MW-03, temporary soil vapor point RI-SV-03, and the advancement of soil boring RI-SB-03 within the Westchester Avenue sidewalk. Community Air Monitoring (CAMP) will be conducted during these activities.
- AKRF continued preparing the Draft RI Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF began preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of September 24 through September 28, 2018:

- AKRF and its drilling subcontractor will complete the final phase of the RI.
- AKRF will continue preparing the Draft RIR and the Draft RAWP for submission to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

October 1, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – September 24, 2018 to September 28, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from September 24 to September 28, 2018. The following activities were conducted:

- On September 27, 2018, members of AKRF and the New York City Office of Environmental Remediation (NYCOER) held a meeting to discuss the proposed project schedule and deliverables to satisfy the Hazardous Materials, Noise, and Air E Designations.
- On September 28, 2018, the validated data for groundwater samples collected from monitoring wells RI-MW-01 and RI-MW-02 was submitted to the NYSDEC Environmental Quality Information System (EQuIS™) for use within the system.
- Demolition of the 1679 Westchester Avenue portion of the Site building commenced.
- AKRF's drilling subcontractor (AARCO Environmental Services, Inc.) continued to coordinate with their insurance broker to obtain Metropolitan Transit Authority (MTA) railroad insurance.
- AKRF continued preparing the Draft Remedial Investigation (RI) Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF began preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of October 1 through October 5, 2018:

- AKRF will submit the Draft RIR and the Draft RAWP to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

November 8, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Monthly Progress Report – October 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] (the Site) during the month of October 2018. The following activities were conducted:

- Demolition of the Site building was completed.
- On October 8 and 9, 2018, AKRF oversaw the installation of groundwater monitoring well RI-MW-03 and temporary soil vapor point RI-SV-03, and the advancement and continuous soil sampling of soil boring RI-SB-03 within the Westchester Avenue sidewalk, south-adjacent to the Site, by a New York State-licensed driller. AKRF collected soil and soil vapor samples from the soil boring and soil vapor point, respectively, for laboratory analysis, and developed the monitoring well. Air monitoring was conducted during all work in accordance with the NYSDEC-approved Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP). No air monitoring exceedances were detected. The sample locations are shown on Figure 1.
- On October 15, 2018, AKRF collected a groundwater sample from groundwater monitoring well RI-MW-03 for laboratory analysis. Air monitoring was conducted during all work in accordance with the NYSDEC-approved Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP). No air monitoring exceedances were detected.
- On October 16, 2018, AKRF submitted the Draft Remedial Investigation (RI) Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- On October 22, 2018, AKRF received preliminary comments from NYSDEC on the Draft RIR.
- AKRF revised the Draft Remedial Investigation (RI) Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.

- AKRF prepared daily and weekly progress reports and submitted them to NYSDEC and NYSDOH throughout October 2018. The daily progress reports, which include photographs taken during the work and the air monitoring logs, are included in Attachment A. The weekly progress reports are included in Attachment B.
- AKRF scheduled in-situ soil waste classification sampling to gain soil/fill approval at potential disposal facilities for November 9, 2018. Air monitoring will be conducted during all work in accordance with the NYSDEC-approved Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP).

The following work is planned for November 2018:

- Groundwater monitoring well RI-MW-03 will be surveyed by Roguski, a NYS-licensed surveyor.
- AKRF will submit the revised Draft RIR to NYSDEC and NYSDOH.
- AKRF will submit the Draft RAWP to NYSDEC and NYSDOH.
- AKRF will conduct in-situ soil waste classification sampling.

If you have any questions regarding the information presented in this letter, please contact Deborah Shapiro at (646) 388-9544 or Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Michelle Lapin, P.E.
Senior Vice President

Enc.: Attachment A – Daily Progress Reports – October 2018
Attachment B – Weekly Progress Reports – October 2018
Figure 1 – Remedial Investigation Sample Location Map

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming – NYSDOH
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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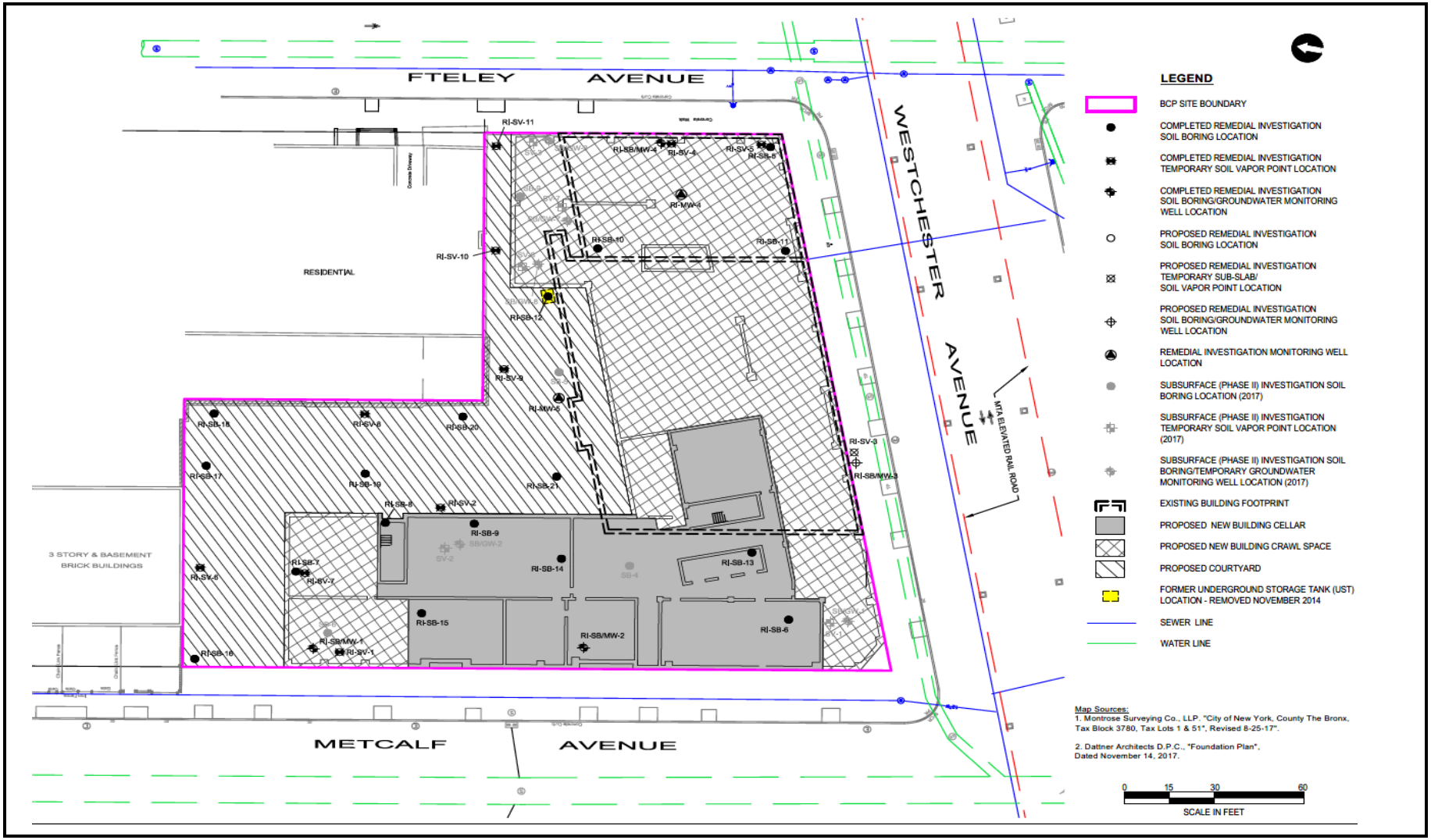
FIGURE 1

ATTACHMENT A

AKRF	**Daily Activity Report**
	1675 Apartments
	1675-1679 Westchester Avenue, New York
	BCP Site No. C203107
General Site Information	
Date:	Monday, October 08, 2018
Weather:	Cloudy and Rain, 65-78 ^{o}F
Wind Direction/Speed:	NW @ ~ 5-7 mph
AKRF Personnel on Site:	Marco Balletta
AKRF Equipment on Site:	10.7 eV PID, Dust Trak, Horiba U52 Water Meter, HydroLift Waterra Pump, Honda EU200i Generator, MGD-2002 Helium Detector, GilAir Plus Air Pump
Subcontractor(s) on Site:	Demolition Contractor
Description and Location of Work Activities Performed	
AKRF conducted air monitoring during susurface disturbance. No exceedances were detected.	
Work included: the installation of soil vapor point (RI-SV-03), the advancement of one soil boring (RI-SB-03) with the collection of two soil samples and quality assurance/quality control (QA/QC) samples, and installation and development of groundwater monitoring well RI-MW-03. The sampling locations are shown on page 2 of this report.	
No evidence of contamination [i.e., elevated photoionization detector (PID) readings, staining, odors, etc.] was detected.	
Planned Work Activity for Following Days/Week:	
AKRF will collect a soil vapor sample from temporary soil vapor point RI-SV-03.	
Demolition of the western portion of the Site building (1679 Westchester Avenue) is expected to begin.	


FTELEY AVENUE
WESTCHESTER AVENUE
METCALF AVENUE
MTA ELEVATED RAIL ROAD
RESIDENTIAL
3 STORY & BASEMENT BRICK BUILDINGS
RI-SV-11
RI-SB/MW-4
RI-SV-4
RI-SV-5
RI-SB-5
RI-MW-4
RI-SB-10
RI-SB-11
RI-SV-10
RI-SB-12
RI-SV-9
RI-MW-5
RI-SB-18
RI-SV-8
RI-SB-20
RI-SB-17
RI-SB-19
RI-SB-21
RI-SB-8
RI-SV-2
RI-SB-9
RI-SB-7
RI-SV-7
RI-SB-14
RI-SB-13
RI-SV-6
RI-SB-15
RI-SB/MW-2
RI-SB-6
RI-SB/MW-1
RI-SV-1
RI-SB-16
RI-SV-3
RI-SB/MW-3
LEGEND
BCP SITE BOUNDARY
COMPLETED REMEDIAL INVESTIGATION SOIL BORING LOCATION
COMPLETED REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION
COMPLETED REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION
PROPOSED REMEDIAL INVESTIGATION SOIL BORING LOCATION
PROPOSED REMEDIAL INVESTIGATION TEMPORARY SUB-SLAB/ SOIL VAPOR POINT LOCATION
PROPOSED REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION
REMEDIAL INVESTIGATION MONITORING WELL LOCATION
SUBSURFACE (PHASE II) INVESTIGATION SOIL BORING LOCATION (2017)
SUBSURFACE (PHASE II) INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (2017)
SUBSURFACE (PHASE II) INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (2017)
EXISTING BUILDING FOOTPRINT
PROPOSED NEW BUILDING CELLAR
PROPOSED NEW BUILDING CRAWL SPACE
PROPOSED COURTYARD
FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
SEWER LINE
WATER LINE
Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".
2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.
0 15 30 60
SCALE IN FEET

PHOTOGRAPHS	
Photograph 1 - Installation of groundwater monitoring well RI-MW-03 on the south-central portion of the Site within the Westchester Avenue sidewalk.	
Photograph 2 - Lithology at soil boring RI-SB-03 (depth increases from left background to right foreground). Lithology was consistent with Site-wide observations of historic fill underlain by organic native material.	
Photograph 3 - Purging vapors prior to sampling at temporary soil vapor point RI-SV-03.	

AKRF, Inc.

Air Monitoring Log

Project: 1678 Apartments	Client: 1678 Apartments	Date: 10/08/2018	
Work Activity: + Drilling for installation of permanent GW well + Drilling for installation of SV point + Purging of GW well		Logged By: M. Bellette	
		Job No: 170250	
Weather: Cloudy with light Rain	Wind Direction: from SW	Wind Speed: 6 mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
7:15	SW of Site	ND	0.031	NONE	BACKGROUND
7:35	Work Zone	ND	0.049	NONE	Hand Clearing / Digging
7:55	Perimeter	0.1	0.037	NONE	Drilling
8:15	Work Zone	0.2	0.055	NONE	Drilling
8:35	Work Zone	ND	0.068	NONE	Drilling
8:55	Perimeter	0.3	0.071	NONE	Drilling
9:15	Work Zone	ND	0.059	NONE	Drilling
9:35	Perimeter	ND	0.077	NONE	Drilling
9:55	Work Zone	0.1	0.066	NONE	Helium Test for SV sampling
10:15	Work Zone	0.2	0.050	NONE	Purging SV point
10:35	Perimeter	ND	0.061	NONE	~~Helium Test~~ Purging SV Point
10:55	Perimeter	ND	0.063	NONE	Purging / Well Development
11:15	Work Zone	ND	0.056	NONE	Well Developing
11:35	Work Zone	0.1	0.060	NONE	
11:55	Perimeter	ND	0.058	NONE	
12:15	Work Zone	0.2	0.062	NONE	
12:35	Perimeter	ND	0.071	NONE	
12:55	Work Zone	0.3	0.061	NONE	
13:15	Work Zone	ND	0.067	NONE	
13:35	Perimeter	0.1	0.055	NONE	
13:55	Work Zone	0.2	0.057	NONE	
14:15	Work Zone	ND	0.061	NONE	
14:35	Work Zone	ND	0.066	NONE	Well Developing

Work Zone Action Levels	
PID	DUST
<5 ppm: Level D	<0.150 mg/m³ above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m³ above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m³ above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m³ above background: STOP

AKRF, Inc.

Air Monitoring Log

Project: 1678 Apartments	Client: 1678 Apartments	Date: 10/08/2018	
Work Activity: + Drilling for installation of permanent Soil vapor GW well Point + Drilling for installation of GW well + Developing GW well		Logged By: M. Galletta	
		Job No: 17025.50	
Weather: Cloudy with light rain	Wind Direction: from SW	Wind Speed: 6 mph	

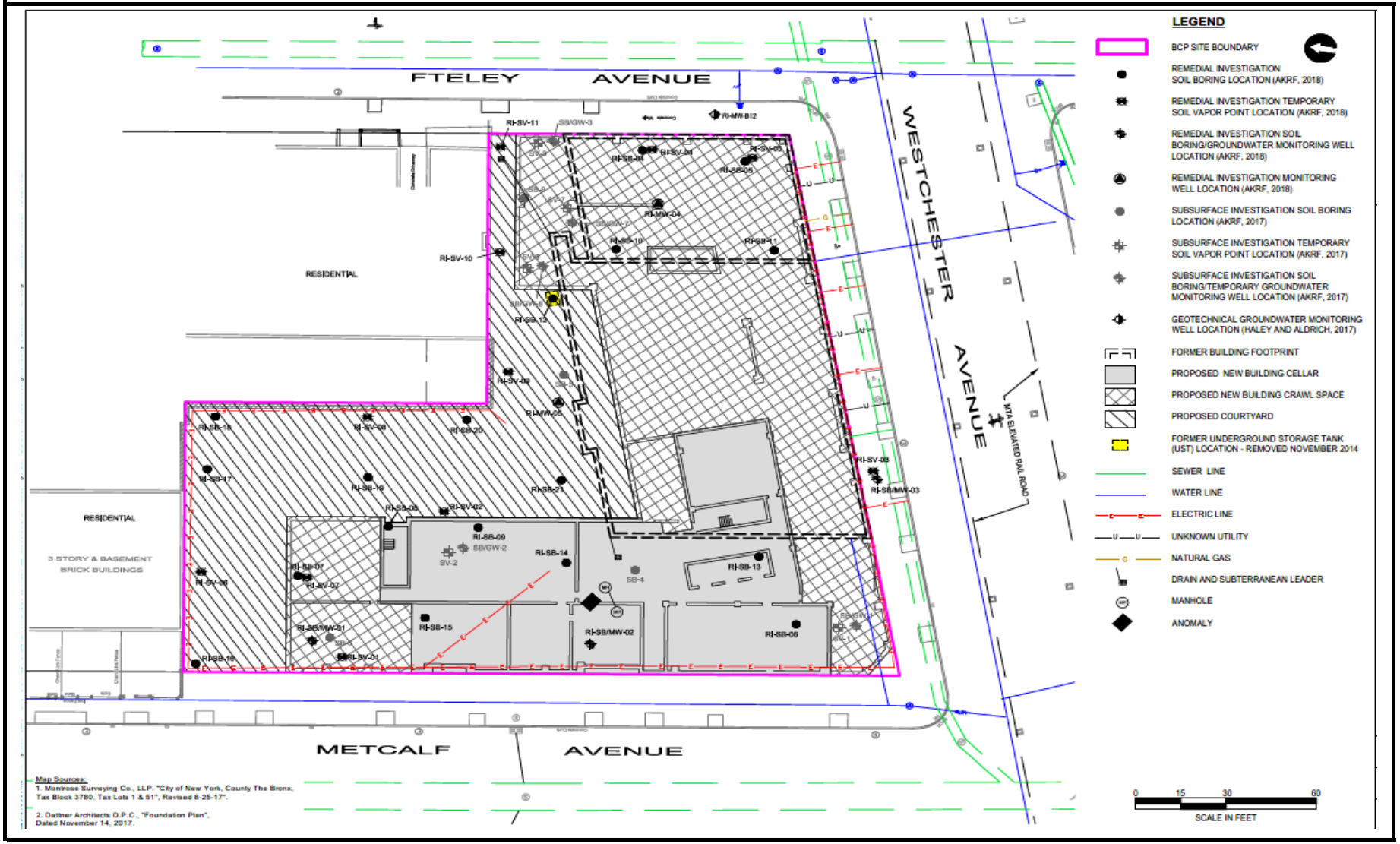
TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
14:55	Perimeter	0.1	0.041	NONE	~~BACKGROUND~~ Well Developing
15:15	Work Zone	0.4	0.046	NONE	" "
15:35	Work Zone	0.2	0.051	NONE	Well Developing

10/08/2018

Work Zone Action Levels	
PID	**DUST**
<5 ppm: Level D	<0.150 mg/m^3 above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m^3 above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF	**Daily Activity Report**
	1675 Apartments
	1675-1679 Westchester Avenue, New York
	BCP Site No. C203107
General Site Information	
Date:	Tuesday, October 09, 2018
Weather:	Cloudy, 68-71 ^{o}F
Wind Direction/Speed:	SW @ ~ 4-5 mph
AKRF Personnel on Site:	Marco Balletta
AKRF Equipment on Site:	10.7 eV PID, MGD-2002 Helium Detector, GilAir Plus Air Pump
Subcontractor(s) on Site:	None
Description and Location of Work Activities Performed	
AKRF conducted air monitoring (for VOCs only) during soil vapor sampling. No exceedances were detected.	
Work included: collection of one soil vapor sample from temporary soil vapor point RI-SV-03.	
Planned Work Activity for Following Days/Week:	
Demolition of the western portion of the Site building (1679 Westchester Avenue) is expected to begin.	


FTELEY AVENUE
WESTCHESTER AVENUE
METCALF AVENUE
MTA ELEVATED RAIL ROAD
RESIDENTIAL
RESIDENTIAL
3 STORY & BASEMENT BRICK BUILDINGS
RI-SV-11
SB/GW-3
RI-MW-B12
RI-SV-04
RI-SV-05
RI-SB-05
RI-MW-04
RI-SB-10
RI-SB-11
RI-SV-10
RI-SB-12
RI-SV-09
RI-MW-05
RI-SB-18
RI-SV-08
RI-SB-20
RI-SB-17
RI-SB-19
RI-SB-21
RI-SV-03
RI-SB/MW-03
RI-SB-08
RI-SV-02
RI-SB-09
SB/GW-2
SV-2
RI-SB-14
SB-4
RI-SB-13
RI-SB-07
RI-SV-07
RI-SV-06
RI-SB/MW-01
RI-SB-15
RI-SB/MW-02
RI-SB-06
RI-SB-16
RI-SV-01
LEGEND
BCP SITE BOUNDARY
REMEDIAL INVESTIGATION SOIL BORING LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION MONITORING WELL LOCATION (AKRF, 2018)
SUBSURFACE INVESTIGATION SOIL BORING LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (AKRF, 2017)
GEOTECHNICAL GROUNDWATER MONITORING WELL LOCATION (HALEY AND ALDRICH, 2017)
FORMER BUILDING FOOTPRINT
PROPOSED NEW BUILDING CELLAR
PROPOSED NEW BUILDING CRAWL SPACE
PROPOSED COURTYARD
FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
SEWER LINE
WATER LINE
ELECTRIC LINE
UNKNOWN UTILITY
NATURAL GAS
DRAIN AND SUBTERRANEAN LEADER
MANHOLE
ANOMALY
Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".
2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.
0 15 30 60
SCALE IN FEET

PHOTOGRAPHS	
Photograph 1 - Sampling of soil vapor point RI-SV-03 on the south-central portion of the Site within the Westchester Avenue sidewalk.	
Photograph 2 - Purging vapors prior to sampling at temporary soil vapor point RI-SV-03.	

AKRF, Inc.
Environmental Consultants

Air Monitoring Log

Project: 1679 Apartments | **Client:** 1679 Apartments | **Date:** 10/09/2018

Work Activity: + collecting Soil Vapor Sample RI-SV-03 20181009
Work Zone: Sampling area at RI-SV-03

Logged By: M. Balletta

Job No: 170250

Weather: Cloudy 68°F - 71°F | **Wind Direction:** From SW | **Wind Speed:** 4 mph

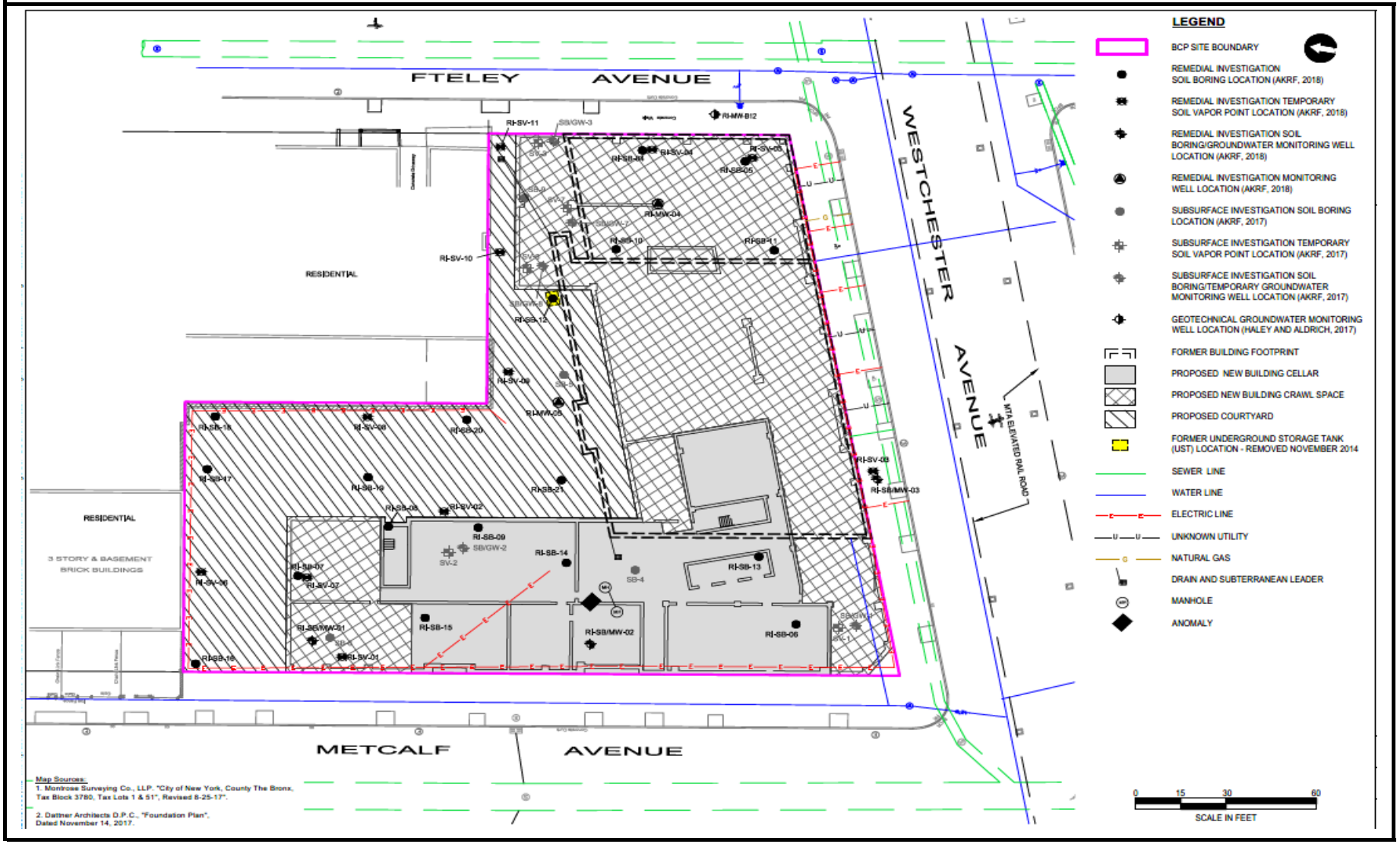
TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
7:05	SW of Site	ND	NA	NONE	BACKGROUND
7:20	Work Zone	ND	NA	NONE	No Activities on Site Offsite: car traffic & MTA train traffic
7:35	Work Zone	ND	NA	NONE	
7:55	Perimeter-N	ND	NA	NONE	
8:15	Work Zone	0.1	NA	NONE	
8:30	Perimeter-SW	0.1	NA	NONE	
8:50	Work Zone	ND	NA	NONE	
8:10	Perimeter-NE	0.2	NA	NONE	
8:25	Work Zone	ND	NA	NONE	No Activities on Site Offsite: car traffic & MTA train traffic
8:45	Perimeter-S	ND	NA	NONE	Offsite: Traffic (car & train)

10/09/2018

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D
>10 ppm: level C	>2.5 mg/m^3: dust suppression
>20 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF	**Daily Activity Report**
	1675 Apartments
	1675-1679 Westchester Avenue, New York
	BCP Site No. C203107
General Site Information	
Date:	Monday, October 15, 2018
Weather:	Cloudy, 64-68 ^{o}F
Wind Direction/Speed:	SW @ ~ 12 mph
AKRF Personnel on Site:	Victor Chang
AKRF Equipment on Site:	11.6 eV PID, QED SampPro Bladder Pump, QED MP50 Controller/Compressor, Horiba U-52
Subcontractor(s) on Site:	N/A
Description and Location of Work Activities Performed	
AKRF conducted air monitoring (for VOCs only) during groundwater sampling. No exceedances were detected.	
Work included: collection of one groundwater sample and quality assurance/quality control (QA/QC) samples from groundwater monitoring well RI-MW-03.	
Planned Work Activity for Following Days/Week:	
Demolition of the western portion of the Site building (1675 Westchester Avenue) is expected to begin.	


FTELEY AVENUE
WESTCHESTER AVENUE
METCALF AVENUE
MTA ELEVATED RAIL ROAD
RESIDENTIAL
RESIDENTIAL
3 STORY & BASEMENT BRICK BUILDINGS
RI-SV-11
SB/GW-3
RI-MW-B12
RI-SV-04
RI-SV-05
RI-SB-05
RI-MW-04
RI-SB-10
RI-SB-11
RI-SV-10
RI-SB-12
RI-SV-09
RI-MW-05
RI-SB-18
RI-SV-08
RI-SB-20
RI-SB-17
RI-SB-19
RI-SB-21
RI-SV-03
RI-SB/MW-03
RI-SB-08
RI-SV-02
RI-SB-09
SB/GW-2
SV-2
RI-SB-14
SB-4
RI-SB-13
RI-SB-07
RI-SV-06
RI-SV-07
RI-SB/MW-01
RI-SB-15
RI-SB/MW-02
RI-SB-06
RI-SB-16
RI-SV-01
LEGEND
BCP SITE BOUNDARY
REMEDIAL INVESTIGATION SOIL BORING LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION MONITORING WELL LOCATION (AKRF, 2018)
SUBSURFACE INVESTIGATION SOIL BORING LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (AKRF, 2017)
GEOTECHNICAL GROUNDWATER MONITORING WELL LOCATION (HALEY AND ALDRICH, 2017)
FORMER BUILDING FOOTPRINT
PROPOSED NEW BUILDING CELLAR
PROPOSED NEW BUILDING CRAWL SPACE
PROPOSED COURTYARD
FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
SEWER LINE
WATER LINE
ELECTRIC LINE
UNKNOWN UTILITY
NATURAL GAS
DRAIN AND SUBTERRANEAN LEADER
MANHOLE
ANOMALY
Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".
2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.
0 15 30 60
SCALE IN FEET

PHOTOGRAPHS		
Photograph 1 - Purging prior to sampling at groundwater monitoring well RI-MW-03. CAMP monitoring for VOCs being conducted.		
Photograph 2 - View of the western portion of the Site, facing north.		

AKRF, Inc.
Environmental Consultants

Air Monitoring Log

Project: New 1675 Apartments	**Client:** 1675 JV Associates LLC	**Date:** 10/15/18	
Work Activity: Groundwater Purging & Sampling		**Logged By:** V. Chang	
		Job No: 170259	
Weather: 64-68°F Cloudy	**Wind Direction:** SW	**Wind Speed:** 12 mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
1425	MW-3	0.0		None	BACKGROUND ; Work Zone
1440		0.0			Work Zone
1455		0.0			
1510		0.0			
1525		0.0			
1540		0.0			
1555		0.0			
1610		0.0			
1625		0.0			
1640		0.0			
1655		0.0			
1710		0.0			
1725		0.0			
1740		0.0			
1755		0.0			
			NC		

ATTACHMENT B

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

October 8, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – October 1 to October 5, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from October 1 to October 5, 2018. The following activities were conducted:

- Demolition of the 1679 Westchester Avenue portion of the Site building was completed.
- AKRF's drilling subcontractor (AARCO Environmental Services, Inc.) obtained Metropolitan Transit Authority (MTA) railroad insurance.
- AKRF scheduled the final phase of the Remedial Investigation (RI) for October 8, 2018. Work will include installation of groundwater monitoring well RI-MW-03 and temporary soil vapor point RI-SV-03, and the advancement of soil boring RI-SB-03 within the Westchester Avenue sidewalk. Soil and soil vapor will be sampled and the well will be developed. Air monitoring will be conducted during all work in accordance with the NYSDEC-approved Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP).
- AKRF continued preparing the Draft Remedial Investigation (RI) Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of October 8 through October 12, 2018:

- RI-MW-03, SV-03, and RI-SB-03 will be installed; soil and soil vapor samples will be collected from RI-SB_03 and SV-03, respectively. RI-MW-03 will be developed; sampling will occur on October 15, 2018.
- AKRF will submit the Draft RIR to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
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October 18, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – October 8 to October 12, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from October 8 to October 12, 2018. The following activities were conducted:

- On October 8 and 9, 2018, AKRF oversaw the installation of groundwater monitoring well RI-MW-03 and temporary soil vapor point RI-SV-03, and the advancement of soil boring RI-SB-03 with continuous soil sampling within the Westchester Avenue sidewalk by a New York State-licensed driller. AKRF collected soil and soil vapor samples from the soil boring and soil vapor point for laboratory analysis and developed the monitoring well. Air monitoring was conducted during all work in accordance with the NYSDEC-approved Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP). No air monitoring exceedances were detected. Photographs taken during the work are included as Attachment A and the air monitoring log is included as Attachment B.
- AKRF continued preparing the Draft Remedial Investigation (RI) Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of October 15 through October 19, 2018:

- AKRK will collect a groundwater sample for laboratory analysis from groundwater monitoring well RI-MW-03.
- AKRF will submit the Draft RIR to NYSDEC and NYSDOH.
- AKRF will continue preparing the Draft RAWP for submission to NYSDEC and NYSDOH.
- The 1675 Westchester Avenue (western) portion of the Site building is expected to be demolished.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

Enc. Attachment A – Photographic Log
Attachment B – Air Monitoring Log

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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ATTACHMENT A

Installation of monitoring well RI-MW-03 in the Westchester Avenue sidewalk.

Lithology at soil boring RI-SB-03, with depth increasing from left background to right foreground (historic fill material with dark organics).

Purging vapors at temporary soil vapor point RI-SV-03.

Sampling temporary soil vapor points RI-SV-03 in the Westchester Avenue sidewalk.

ATTACHMENT B

AKRF, Inc.

Air Monitoring Log

Project: 1678 Apartments	Client: 1678 Apartments	Date: 10/08/2018	
Work Activity: + Drilling for installation of permanent GW well + Drilling for installation of SV point + Purging of GW well		Logged By: M. Bellette	
		Job No: 170250	
Weather: Cloudy with light Rain	Wind Direction: from SW	Wind Speed: 6 mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
7:15	SW of Site	ND	0.031	NONE	BACKGROUND
7:35	Work Zone	ND	0.049	NONE	Hand Clearing / Digging
7:55	Perimeter	0.1	0.037	NONE	Drilling
8:15	Work Zone	0.2	0.055	NONE	Drilling
8:35	Work Zone	ND	0.068	NONE	Drilling
8:55	Perimeter	0.3	0.071	NONE	Drilling
9:15	Work Zone	ND	0.059	NONE	Drilling
9:35	Perimeter	ND	0.077	NONE	Drilling
9:55	Work Zone	0.1	0.066	NONE	Helium Test for SV sampling
10:15	Work Zone	0.2	0.050	NONE	Purging SV point
10:35	Perimeter	ND	0.061	NONE	~~Helium Test~~ Purging SV Point
10:55	Perimeter	ND	0.063	NONE	Purging / Well Development
11:15	Work Zone	ND	0.056	NONE	Well Developing
11:35	Work Zone	0.1	0.060	NONE	
11:55	Perimeter	ND	0.058	NONE	
12:15	Work Zone	0.2	0.062	NONE	
12:35	Perimeter	ND	0.071	NONE	
12:55	Work Zone	0.3	0.061	NONE	
13:15	Work Zone	ND	0.067	NONE	
13:35	Perimeter	0.1	0.055	NONE	
13:55	Work Zone	0.2	0.057	NONE	
14:15	Work Zone	ND	0.061	NONE	
14:35	Work Zone	ND	0.066	NONE	Well Developing

Work Zone Action Levels	
PID	DUST
<5 ppm: Level D	<0.150 mg/m³ above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m³ above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m³ above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m³ above background: STOP

AKRF, Inc.

Air Monitoring Log

Project: 1678 Apartments	Client: 1678 Apartments	Date: 10/08/2018	
Work Activity: + Drilling for installation of permanent Soil vapor GW well Point + Drilling for installation of GW well + Developing GW well		Logged By: M. Galletta	
		Job No: 17025.50	
Weather: Cloudy with light rain	Wind Direction: from SW	Wind Speed: 6 mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
14:55	Perimeter	0.1	0.041	NONE	~~BACKGROUND~~ Well Developing
15:15	Work Zone	0.4	0.046	NONE	" "
15:35	Work Zone	0.2	0.051	NONE	Well Developing

10/08/2018

Work Zone Action Levels	
PID	**DUST**
<5 ppm: Level D	<0.150 mg/m^3 above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m^3 above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

AKRF, Inc.
Environmental Consultants

Air Monitoring Log

Project: 1679 Apartments | **Client:** 1679 Apartments | **Date:** 10/09/2018

Work Activity: + collecting Soil Vapor Sample RI-SV-03 20181009
Work Zone: Sampling area at RI-SV-03

Logged By: M. Balletta

Job No: 170250

Weather: Cloudy 68°F - 71°F | **Wind Direction:** From SW | **Wind Speed:** 4 mph

TIME	LOCATION	PID (ppm)	DUST (mg/m^3)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
7:05	SW of Site	ND	NA	NONE	BACKGROUND
7:20	Work Zone	ND	NA	NONE	No Activities on Site Offsite: car traffic & MTA train traffic
7:35	Work Zone	ND	NA	NONE	
7:55	Perimeter-N	ND	NA	NONE	
8:15	Work Zone	0.1	NA	NONE	
8:30	Perimeter-SW	0.1	NA	NONE	
8:50	Work Zone	ND	NA	NONE	
8:10	Perimeter-NE	0.2	NA	NONE	
8:25	Work Zone	ND	NA	NONE	No Activities on Site Offsite: car traffic & MTA train traffic
8:45	Perimeter-S	ND	NA	NONE	Offsite: Traffic (car & train)

10/09/2018

Work Zone Action Levels	
OVM	**DUST**
<10 ppm: level D	<5 mg/m^3: level D
>10 ppm: level C	>2.5 mg/m^3: dust suppression
>20 ppm: STOP	>5 mg/m^3: level C
	>125mg/m^3: STOP

Community (Perimeter) Action Levels (Only if PID>4 ppm above background, or if dust>0.75 mg/m^3 above background in Work Zone)	
OVM	**DUST**
>5 ppm above background: vapor suppression	>0.1 mg/m^3 above background: dust suppression
>25 ppm above background: STOP	**>0.15 mg/m^3 above background: STOP**

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
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www.akrf.com

October 22, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – October 8 to October 12, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from October 15 to October 19, 2018. The following activities were conducted:

- On October 15, 2018, AKRF collected a groundwater sample from groundwater monitoring well RI-MW-03 for laboratory analysis. Air monitoring was conducted during all work in accordance with the NYSDEC-approved Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP). No air monitoring exceedances were detected. A daily report was prepared and submitted to NYSDEC and NYSDOH, which summarized the work. The daily report, which includes photographs of the work and the air monitoring log, is included as Attachment A.
- On October 16, 2018, AKRF submitted the Draft Remedial Investigation (RI) Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- On October 19, 2018, demolition of the 1675 Westchester Avenue (western) portion of the Site building commenced.
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of October 22 through October 26, 2018:

- AKRF will submit the Draft RAWP to NYSDEC and NYSDOH.
- The 1675 Westchester Avenue (western) portion of the Site building is expected to be demolished.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

Enc. Attachment A – October 15, 2018 Daily Environmental Report

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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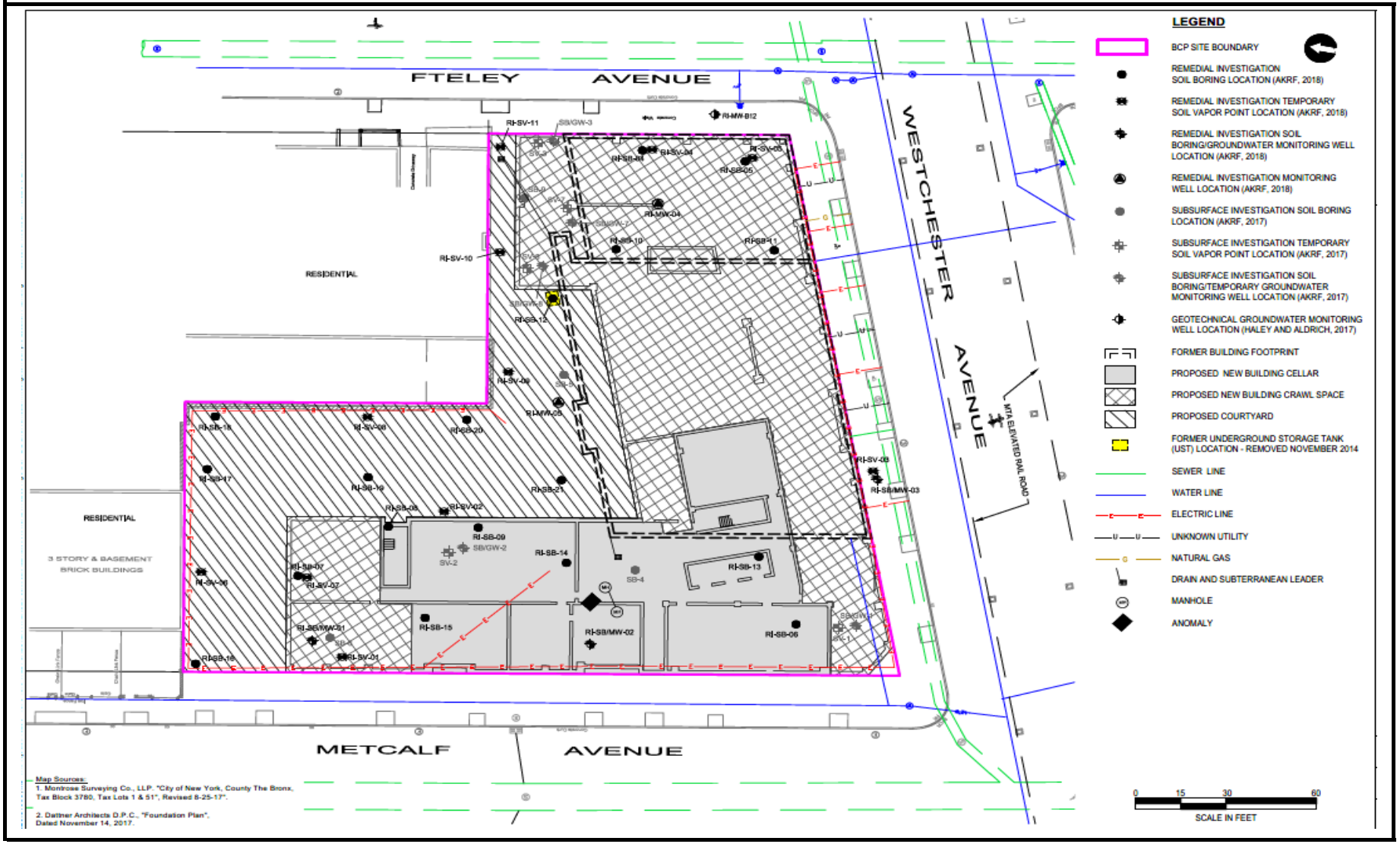
ATTACHMENT A

AKRF	**Daily Activity Report**
	1675 Apartments
	1675-1679 Westchester Avenue, New York
	BCP Site No. C203107
General Site Information	
Date:	Monday, October 15, 2018
Weather:	Cloudy, 64-68 ^{o}F
Wind Direction/Speed:	SW @ ~ 12 mph
AKRF Personnel on Site:	Victor Chang
AKRF Equipment on Site:	11.6 eV PID, QED SampPro Bladder Pump, QED MP50 Controller/Compressor, Horiba U-52
Subcontractor(s) on Site:	N/A
Description and Location of Work Activities Performed	
AKRF conducted air monitoring (for VOCs only) during groundwater sampling. No exceedances were detected.	
Work included: collection of one groundwater sample and quality assurance/quality control (QA/QC) samples from groundwater monitoring well RI-MW-03.	
Planned Work Activity for Following Days/Week:	
Demolition of the western portion of the Site building (1675 Westchester Avenue) is expected to begin.	


FTELEY AVENUE
WESTCHESTER AVENUE
METCALF AVENUE
MTA ELEVATED RAIL ROAD
RESIDENTIAL
RESIDENTIAL
3 STORY & BASEMENT BRICK BUILDINGS
RI-SV-11
SB/GW-3
RI-MW-B12
RI-SV-04
RI-SV-05
RI-SB-05
RI-MW-04
RI-SB-10
RI-SB-11
RI-SV-10
RI-SB-12
RI-SV-09
RI-MW-05
RI-SB-18
RI-SV-08
RI-SB-20
RI-SB-17
RI-SB-19
RI-SB-21
RI-SV-03
RI-SB/MW-03
RI-SB-08
RI-SV-02
RI-SB-09
SB/GW-2
SV-2
RI-SB-14
SB-4
RI-SB-13
RI-SB-07
RI-SV-06
RI-SV-07
RI-SB/MW-01
RI-SB-15
RI-SB/MW-02
RI-SB-06
RI-SB-16
RI-SV-01
LEGEND
BCP SITE BOUNDARY
REMEDIAL INVESTIGATION SOIL BORING LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION MONITORING WELL LOCATION (AKRF, 2018)
SUBSURFACE INVESTIGATION SOIL BORING LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (AKRF, 2017)
GEOTECHNICAL GROUNDWATER MONITORING WELL LOCATION (HALEY AND ALDRICH, 2017)
FORMER BUILDING FOOTPRINT
PROPOSED NEW BUILDING CELLAR
PROPOSED NEW BUILDING CRAWL SPACE
PROPOSED COURTYARD
FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
SEWER LINE
WATER LINE
ELECTRIC LINE
UNKNOWN UTILITY
NATURAL GAS
DRAIN AND SUBTERRANEAN LEADER
MANHOLE
ANOMALY
Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".
2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.
0 15 30 60
SCALE IN FEET

PHOTOGRAPHS		
Photograph 1 - Purging prior to sampling at groundwater monitoring well RI-MW-03. CAMP monitoring for VOCs being conducted.		
Photograph 2 - View of the western portion of the Site, facing north.		

AKRF, Inc.
Environmental Consultants

Air Monitoring Log

Project: New 1675 Apartments	**Client:** 1675 JV Associates LLC	**Date:** 10/15/18	
Work Activity: Groundwater Purging & Sampling		**Logged By:** V. Chang	
		Job No: 170259	
Weather: 64-68°F Cloudy	**Wind Direction:** SW	**Wind Speed:** 12 mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
1425	MW-3	0.0		None	BACKGROUND ; Work Zone
1440		0.0			Work Zone
1455		0.0			
1510		0.0			
1525		0.0			
1540		0.0			
1555		0.0			
1610		0.0			
1625		0.0			
1640		0.0			
1655		0.0			
1710		0.0			
1725		0.0			
1740		0.0			
1755		0.0			
			NC		

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
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www.akrf.com

October 29, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – October 22 to October 26, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from October 22 to October 26, 2018. The following activities were conducted:

- Demolition of the 1675 Westchester Avenue (western) portion of the Site building was completed.
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).

The following work is planned for the week of October 29 through November 2, 2018:

- AKRF will submit the Draft RAWP to NYSDEC and NYSDOH.
- Demolition signoff is anticipated to be received from the New York City Department of Buildings (NYCDOB).

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation

Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

W:\Projects\170250 - 1675-1679 WESTCHESTER AVENUE\Technical\Hazmat\BCP\WPR\C203107_2018-10-26_Weekly Progress Report.docx

ATTACHMENT A

ATTACHMENT B

ATTACHMENT C

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

December 10, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Monthly Progress Report – November 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] (the Site) during the month of November 2018. The following activities were conducted:

- On November 6, 2018, AKRF and the NYSDEC project manager held a telephone conference call to review the proposed additional Remedial Investigation (RI) scope and to discuss the status of the Site schedule and demolition.
- On November 9, 2018, AKRF conducted the additional RI work after the demolition of the 1675 building, which included the advancement of two soil borings (RI-SB-22 and RI-SB-23) within the footprint of the former Site building with continuous soil sampling to the groundwater interface. These additional borings could not be advanced earlier due to the unsafe condition of the building. The soil borings were advanced to confirm depth to groundwater beneath the former building cellar slab and to determine whether unsaturated soil exists beneath the slab. Saturated soil was encountered directly beneath the cellar slab; therefore, soil samples were not be submitted for laboratory analysis. In addition, Roguski Land Surveying, P.C., a New York State-licensed surveyor, surveyed the location and elevation of groundwater monitoring well RI-MW-03, which was installed on October 8, 2018. The work was conducted in accordance with the Remedial Investigation Work Plan (RIWP), and air monitoring was also conducted in accordance with the Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP). No air monitoring exceedances were detected.
- On November 9, 2018, AKRF conducted in-situ soil/fill waste classification sampling to gain waste disposal facility approval in advance of remedial activities.
- On November 9, 2018, AKRF conducted a Phase I Environmental Site Assessment (ESA) inspection of the Site and surrounding area. Details of the inspection will be included in an updated Phase I ESA Report.
- On November 29, 2018, AARCO Environmental Services, Inc., AKRF's drilling subcontractor, disposed of the 55-gallon drum containing monitoring well purge water investigation-derived waste (IDW) from the Remedial Investigation (RI).

- On November 30, 2018, demolition signoff was received from the New York City Department of Buildings (NYCDOB).
- AKRF continued revising the Draft Remedial Investigation (RI) Report (RIR) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.
- AKRF prepared daily and weekly progress reports and submitted them to NYSDEC and NYSDOH throughout November 2018. The daily progress report, which includes photographs taken during the work and the air monitoring log, is included in Attachment A. The weekly progress reports are included in Attachment B.

The following work is planned for December 2018:

- AKRF will prepare a soil/fill waste classification report and begin coordination to gain waste disposal facility approval in advance of remedial activities.
- AKRF will submit the revised Draft RIR to NYSDEC and NYSDOH.
- AKRF will submit the Draft RAWP to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Deborah Shapiro at (646) 388-9544 or Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Michelle Lapin, P.E.
Senior Vice President

Enc.: Attachment A – Daily Progress Report
Attachment B – Weekly Progress Reports – November 2018

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming – NYSDOH
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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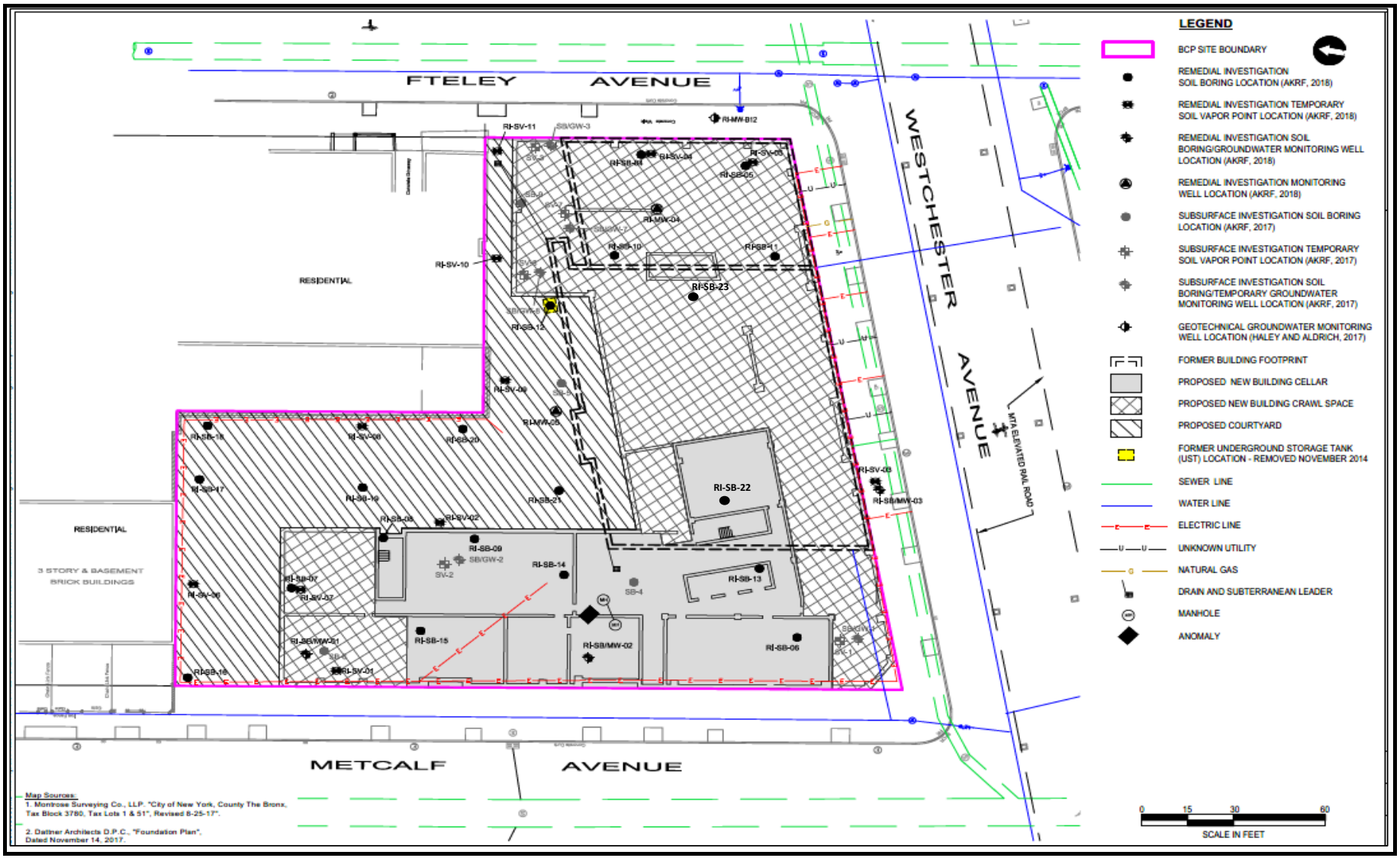
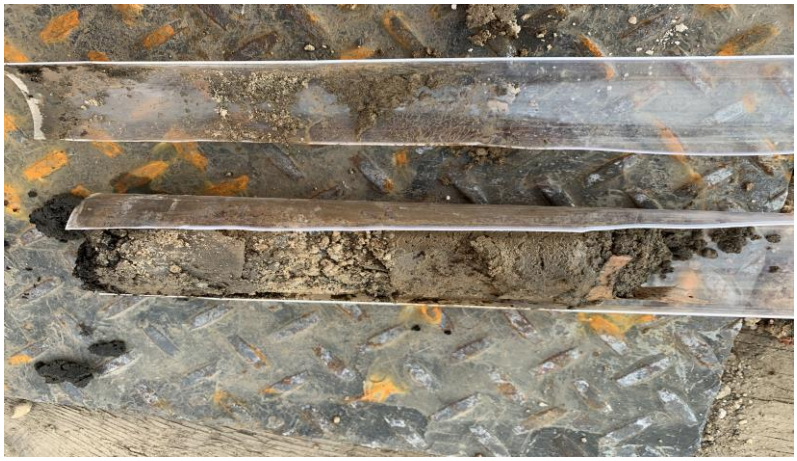
ATTACHMENT A

AKRF	**Daily Activity Report**
	1675 Apartments
	1675-1679 Westchester Avenue, New York
	BCP Site No. C203107
General Site Information	
Date:	Friday, November 09, 2018
Weather:	Cloudy, 64-68 ^{o}F
Wind Direction/Speed:	SW @ ~ 12 mph
AKRF Personnel on Site:	Matthew Levy
AKRF Equipment on Site:	11.6 eV PID, Dust Trak
Subcontractor(s) on Site:	AARCO Environmental Services, Inc. (Drilling Subcontractor), Roguski Land Surveying, P.C. (Surveyor)
Description and Location of Work Activities Performed	
AKRF conducted air monitoring for VOCs and airborne particulate in accordance with the NYSDEC-approved Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) throughout the work day. No exceedances were detected. The air monitoring log is included on page 4 of this report.	
AKRF conducted the final phase of the Remedial Investigation, which included the advancement of two soil borings (RI-SB-22 and RI-SB-23) at the location of the former Site building with continuous soil sampling from grade to boring termination depths. The borings were advanced to the groundwater table, which was encountered directly beneath the concrete cellar slab. Therefore, samples were not submitted for laboratory analysis. The soil boring locations are shown on page 2 of this report. Photographs taken during the work day are included on page 3 of this report.	
AKRF conducted in-situ waste classification sampling to gain waste disposal facilitiy approval in advance of remedial activities.	
Roguski Land Surveying, P.C., a New York State-licensed surveyor, surveyed the location and elevation of groundwater monitoring well RI-MW-03.	
AKRF completed a Phase I Environmental Site Assessment (ESA) inspection of the Site.	
Planned Work Activity for Following Days/Week:	
None	


FTELEY AVENUE
WESTCHESTER AVENUE
METCALF AVENUE
MTA ELEVATED RAIL ROAD
RESIDENTIAL
RESIDENTIAL
3 STORY & BASEMENT BRICK BUILDINGS
RI-SV-11
SB/GW-3
RI-MW-BI2
RI-SB-11
RI-SV-04
RI-SV-05
RI-SB-05
RI-MW-04
RI-SB-10
RI-SB-11
RI-SV-10
RI-SB-23
RI-SB-12
RI-SV-01
SB-3
RI-MW-05
RI-SB-18
RI-SV-08
RI-SB-20
RI-SB-17
RI-SB-19
RI-SB-21
RI-SB-22
RI-SV-09
RI-SB/MW-03
RI-SB-08
RI-SV-02
RI-SB-09
SB/GW-2
SV-2
RI-SB-14
SB-4
RI-SB-13
RI-SB-07
RI-SV-07
RI-SV-06
RI-SB/MW-01
RI-SB-15
RI-SB/MW-02
RI-SB-06
RI-SB-16
RI-SV-01
LEGEND
BCP SITE BOUNDARY
REMEDIAL INVESTIGATION SOIL BORING LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION MONITORING WELL LOCATION (AKRF, 2018)
SUBSURFACE INVESTIGATION SOIL BORING LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (AKRF, 2017)
GEOTECHNICAL GROUNDWATER MONITORING WELL LOCATION (HALEY AND ALDRICH, 2017)
FORMER BUILDING FOOTPRINT
PROPOSED NEW BUILDING CELLAR
PROPOSED NEW BUILDING CRAWL SPACE
PROPOSED COURTYARD
FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
SEWER LINE
WATER LINE
ELECTRIC LINE
UNKNOWN UTILITY
NATURAL GAS
DRAIN AND SUBTERRANEAN LEADER
MANHOLE
ANOMALY
Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".
2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.
0 15 30 60
SCALE IN FEET

PHOTOGRAPHS	
Photograph 1 - Location and elevation survey at groundwater monitoring well RI-MW-03 within the Westchester Avenue sidewalk.	
Photograph 2 - Advancing a waste classification soil boring on the northern portion of the Site.	
Photograph 3 - Saturated lithology at RI soil boring RI-SB 22 from just below the cellar slab to native soil (right to left).	

AKRF, Inc. **Air Monitoring Log**

Project: 170250 / 1675 Apartments	Client:	Date: 11/9/18	
Work Activity: Boring Waste classification, well gauging		Logged By: Antonio C/Mikey	
		Job No: 170250	
Weather: 52°F Fair	Wind Direction: NE	Wind Speed: 5-10 mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
0700	NW of site	0.0	0.028	ND	BACKGROUND
0730	NW of site	0.0	0.023	ND	Well gauging
0800	Fteley ave	0.0	0.025	ND	Well gauging
0830	~~WC-10 area~~	0.0	~~0.~~ 0.009	ND	Sampling
0900	WC-10 area	0.0	0.016	ND	Sampling / Boring
0930	WC-10 area	0.0	0.019	ND	Sampling / Boring
1000	WC-10 area	0.0	0.023	ND	Sampling / Boring
1030	WC-10 area	0.0	0.018	ND	Sampling / Boring
1100	WC-10 area	0.0	0.013	ND	Sampling / Boring
1130	WC-10 area	0.0	0.017	ND	Sampling
1200	WC-10 Area	0.1	0.015	ND	Sampling
1230	WC-10 Area	0.1	0.019	ND	Sampling
1300	WC-10 Area	0.1	0.014	ND	Sampling
1330	WC-10 Area	0.0	0.020	ND	Sampling
1400	Intrusive work completed				
1430					

Work Zone Action Levels	
PID	DUST
<5 ppm: Level D	<0.150 mg/m³ above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m³ above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m³ above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m³ above background: STOP

ATTACHMENT B

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

November 5, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – October 29 to November 2, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from October 29 to November 2, 2018. The following activities were conducted:

- On October 22, 2018, 225.61 tons of clean fill were imported to the Site from PPark in Prospect Park, New Jersey via 9 trucks. AKRF was notified that the material was imported to the Site to fill in the former cellar to grade after demolition of the Site building. The request to import fill form, import weight tickets, and laboratory analytical data are included as Attachments A, B, and C, respectively.
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued revising the Draft Remedial Investigation Report (RIR) for submission to NYSDEC and NYSDOH.
- AKRF scheduled in-situ soil/fill waste classification sampling to be conducted on November 8, 2018. The sampling is being conducted to gain waste disposal facility approval in advance of remedial activities.

The following work is planned for the week of November 6 through November 9, 2018:

- AKRF will conduct in-situ soil/fill waste classification sampling.
- AKRF will submit the Draft RAWP and the revised Draft RIR to NYSDEC and NYSDOH.
- Demolition signoff is anticipated to be received from the New York City Department of Buildings (NYCDOB).

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

Enc. Attachment A – Request to Import Fill Form
Attachment B – Import Weight Tickets
Attachment C – Import Laboratory Data

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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ATTACHMENT A

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e). Use of this form is not a substitute for reading the applicable Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 200-300

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

Is this virgin material from a permitted mine or quarry? no

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Samples were collected and analyzed for VOCs, SVOCs, PCBs, pesticides, total EPH, TAL metals, hexavalent chromium, ORP, pH, and total cyanide from the approximately 225 ton soil stockpile.

The results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Protection of Groundwater Soil Cleanup Objectives (PGWSCOs). One compound, 4,4'-DDT, was detected at a concentration of 0.0158 mg/kg, above its UUSCO of 0.0033 mg/kg, but below its PGWSCO of 136 mg/kg. No other compounds were detected at concentrations above their respective UUSCOs or PGWSCOs. The concentration of 4,4'-DDT is below its RRSCO of 0.1 mg/kg for total PCBs in a sample.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

All analyses were under RRSCOs. All analyses were under Protection of Groundwater SCOs with the exception of two SVOCs [benzo(a)anthracene and chrysene]. Benzo(a)anthracene was detected at a concentration of 1/3 mg/kg; the allowable level is 1 mg/kg. Chrysene was detected at a concentration of 1.2 mg/kg; the allowable level is 1 mg/kg.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

United Demolition, Purchaser of Material From Source

Location where fill was obtained:

PPark, Prospect Park, New Jersey

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

The facility is a fill source of fill and crushed stone and is a recycling center for construction and demolition debris.

Provide a list of supporting documentation included with this request:

Laboratory analytical results.

The information provided on this form is accurate and complete.

	11/5/2016
Signature	Date
Amy Jordan	
Print Name	
AKRF	
Firm	

Revised August 2014

ATTACHMENT B

Weight Ticket

Ticket No. 112965
Issued On 10.22.2018 02:06 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	**Name**	Westchester Ave , LLC
Name	United Industries & Construction Corp	**Job**	1298-O
Address	213 20th Ave, Suite 1A	**PO #**	
		Address	1675 Westchester Ave
City, State, ZiP	Brooklyn, NY 11232	**City, State, Zip**	10472 Bronx

Truck		Date and Time	
Hauler Name	JC TRANSPORT #27	**Gross**	10/22/2018 1:50:34 PM
Plate No.	AT353D	**Tare**	10/22/2018 2:06:38 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	77,420	29,280	48,140	24.07	0.01
Clean Tested Soil	77,420	29,280	48,140	24.07	0.00
TOTAL					

Fill Zone:
Remarks:

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Driver Signature

Weighmaster Signature

Weight Ticket

Ticket No. 112966
Issued On 10.22.2018 02:13 PM

PARK
RECLAIM & FLOURISH

PPark
100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	**Name**	Westchester Ave , LLC
Name	United Industries & Construction Corp	**Job**	1298-O
Address	213 20th Ave, Suite 1A	**PO #**	
		Address	1675 Westchester Ave
City, State, ZiP	Brooklyn, NY 11232	**City, State, Zip**	10472 Bronx

Truck		Date and Time	
Hauler Name	JC TRANSPORT #35	**Gross**	10/22/2018 1:51:50 PM
Plate No.	AT384Y	**Tare**	10/22/2018 2:13:04 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	83,380	28,900	54,480	27.24	0.01
Clean Tested Soil	83,380	28,920	54,460	27.23	0.00
TOTAL					

Fill Zone:
Remarks:

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Calero #35
Driver Signature

Weighmaster Signature

Weight Ticket

Ticket No. 112970
Issued On 10.22.2018 02:15 PM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	Name	Westchester Ave , LLC
Name	United Industries & Construction Corp	Job	1298-O
Address	213 20th Ave, Suite 1A	PO #	
		Address	1675 Westchester Ave
City, State, ZiP	Brooklyn, NY 11232	City, State, Zip	10472 Bronx

Truck		Date and Time	
Hauler Name	JC TRANSPORT#21	Gross	10/22/2018 2:00:43 PM
Plate No.	AS488S	Tare	10/22/2018 2:15:00 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	80,720	29,320	51,400	25.70	0.01
Clean Tested Soil	80,720	29,320	51,400	25.70	0.00
TOTAL					

Fill Zone:
Remarks:

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Driver Signature

Weighmaster Signature

Weight Ticket

Ticket No. 113187
Issued On 10.25.2018 09:57 AM

PPark
100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	Name	Westchester Ave , LLC
Name	United Industries & Construction Corp	Job	1298-O
Address	213 20th Ave, Suite 1A	PO #	
		Address	1675 Westchester Ave
City, State, ZiP	Brooklyn, NY 11232	City, State, Zip	10472 Bronx

Truck		Date and Time	
Hauler Name	JC TRANSPORT #14	Gross	10/25/2018 9:43:31 AM
Plate No.	AR610G	Tare	10/25/2018 9:57:53 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	78,080	28,820	49,260	24.63	0.01
Clean Tested Soil	78,080	28,820	49,260	24.63	0.00
TOTAL					

Fill Zone:
Remarks:

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Driver Signature

Weighmaster Signature

Weight Ticket

Ticket No. 113188
Issued On 10.25.2018 10:02 AM

PARK
RECLAIM & FLOURISH

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	Name	Westchester Ave , LLC
Name	United Industries & Construction Corp	Job	1298-O
Address	213 20th Ave, Suite 1A	PO #	
		Address	1675 Westchester Ave
City, State, ZiP	Brooklyn, NY 11232	City, State, Zip	10472 Bronx

Truck		Date and Time	
Hauler Name	JC TRANSPORT #32	Gross	10/25/2018 9:44:33 AM
Plate No.	AT780U	Tare	10/25/2018 10:02:51 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	77,800	29,540	48,260	24.13	0.01
Clean Tested Soil	77,800	29,540	48,260	24.13	0.00
TOTAL					

Fill Zone:
Remarks:

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Driver Signature

Weighmaster Signature

Weight Ticket

Ticket No. 113189
Issued On 10.25.2018 10:04 AM

PPark

100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	Name	Westchester Ave , LLC
Name	United Industries & Construction Corp	Job	1298-O
Address	213 20th Ave, Suite 1A	PO #	
		Address	1675 Westchester Ave
City, State, ZiP	Brooklyn, NY 11232	City, State, Zip	10472 Bronx

Truck		Date and Time	
Hauler Name	JC Transport #31	Gross	10/25/2018 9:45:11 AM
Plate No.	AT779U	Tare	10/25/2018 10:04:51 AM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	78,500	30,200	48,300	24.15	0.01
Clean Tested Soil	78,500	30,200	48,300	24.15	0.00
TOTAL					

Fill Zone:
Remarks:

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Driver Signature

Weighmaster Signature

Weight Ticket

Ticket No. 113247
Issued On 10.25.2018 01:37 PM

PPark
100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	Name	Westchester Ave , LLC
Name	United Industries & Construction Corp	Job	1298-O
Address	213 20th Ave, Suite 1A	PO #	
		Address	1675 Westchester Ave
City, State, ZIP	Brooklyn, NY 11232	City, State, Zip	10472 Bronx

Truck		Date and Time	
Hauler Name	JC Transport #30	Gross	10/25/2018 1:27:19 PM
Plate No.	AT778U	Tare	10/25/2018 1:37:53 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	79,600	29,580	50,020	25.01	0.01
Clean Tested Soil	79,600	29,580	50,020	25.01	0.00
TOTAL					

Fill Zone:
Remarks:

Driver Signature

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Weighmaster Signature

Weight Ticket

Ticket No. 113249
Issued On 10.25.2018 01:40 PM

PPark
100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	Name	Westchester Ave , LLC
Name	United Industries & Construction Corp	Job	1298-O
Address	213 20th Ave, Suite 1A	PO #	
		Address	1675 Westchester Ave
City, State, ZiP	Brooklyn, NY 11232	City, State, Zip	10472 Bronx

Truck		Date and Time	
Hauler Name	JC TRANSPORT #18	Gross	10/25/2018 1:31:36 PM
Plate No.	AS121E	Tare	10/25/2018 1:40:15 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	76,360	28,500	47,860	23.93	0.01
Clean Tested Soil	76,360	28,500	47,860	23.93	0.00
TOTAL					

Fill Zone:
Remarks:

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Driver Signature

Weighmaster Signature

Weight Ticket

Ticket No. 113250
Issued On 10.25.2018 01:42 PM

PPark
100 Planten Ave.
Prospect Park, NJ 07508
973-947-4488 (Phone)
973-542-2218 (Fax)

Customer		Project	
Ref. No.	233	Name	Westchester Ave , LLC
Name	United Industries & Construction Corp	Job	1298-O
Address	213 20th Ave, Suite 1A	PO #	
		Address	1675 Westchester Ave
City, State, ZiP	Brooklyn, NY 11232	City, State, Zip	10472 Bronx

Truck		Date and Time	
Hauler Name	JC TRANSPORT #24	Gross	10/25/2018 1:32:35 PM
Plate No.	AS424V	Tare	10/25/2018 1:42:37 PM

Material	GROSS	TARE	NET (lbs)	NET (tons)	Unit Price (tons)
Non-Union Transportation from P Park	82,160	28,640	53,520	26.76	0.01
Clean Tested Soil	82,160	28,640	53,520	26.76	0.00
TOTAL					

Fill Zone:
Remarks:

TOTAL NET PRICE:
TOTAL TAX:
TOTAL w/ TAX:

Driver Signature

Weighmaster Signature

ATTACHMENT C

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S1 18I0420-01 9/11/2018 9:50:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00500	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00500	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00500	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00500	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00500	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00500	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00500	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00500	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00500	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00500	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00500	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00500	U
1,2-Dibromoethane	106-93-4	~	~	0.00500	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00500	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00500	U
1,2-Dichloropropane	78-87-5	~	~	0.00500	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00500	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00500	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00500	U
1,4-Dioxane	123-91-1	0.1	0.1	0.100	U
2-Butanone	78-93-3	0.12	0.12	0.00500	U
2-Hexanone	591-78-6	~	~	0.00500	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00500	U
Acetone	67-64-1	0.05	0.05	0.0100	U
Acrolein	107-02-8	~	~	0.0100	U
Acrylonitrile	107-13-1	~	~	0.00500	U
Benzene	71-43-2	0.06	0.06	0.00500	U
Bromochloromethane	74-97-5	~	~	0.00500	U
Bromodichloromethane	75-27-4	~	~	0.00500	U
Bromoform	75-25-2	~	~	0.00500	U
Bromomethane	74-83-9	~	~	0.00500	U
Carbon disulfide	75-15-0	~	~	0.00500	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00500	U
Chlorobenzene	108-90-7	1.1	1.1	0.00500	U
Chloroethane	75-00-3	~	~	0.00500	U
Chloroform	67-66-3	0.37	0.37	0.00500	U
Chloromethane	74-87-3	~	~	0.00500	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00500	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00500	U
Cyclohexane	110-82-7	~	~	0.00500	U
Dibromochloromethane	124-48-1	~	~	0.00500	U
Dibromomethane	74-95-3	~	~	0.00500	U
Dichlorodifluoromethane	75-71-8	~	~	0.00500	U
Ethyl Benzene	100-41-4	1	1	0.00500	U
Hexachlorobutadiene	87-68-3	~	~	0.00500	U
Isopropylbenzene	98-82-8	~	~	0.00500	U
Methyl acetate	79-20-9	~	~	0.00500	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00500	U
Methylcyclohexane	108-87-2	~	~	0.00500	U
Methylene chloride	75-09-2	0.05	0.05	0.0100	J
n-Butylbenzene	104-51-8	12	12	0.00500	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00500	U
o-Xylene	95-47-6	~	~	0.00500	U
p- & m- Xylenes	179601-23-1	~	~	0.0100	U
p-Isopropyltoluene	99-87-6	~	~	0.00500	U
sec-Butylbenzene	135-98-8	11	11	0.00500	U
Styrene	100-42-5	~	~	0.00500	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00500	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00500	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00500	U
Toluene	108-88-3	0.7	0.7	0.00500	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00500	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00500	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00500	U
Trichloroethylene	79-01-6	0.47	0.47	0.00500	U
Trichlorofluoromethane	75-69-4	~	~	0.00500	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00500	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0150	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0946	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.189	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0946	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0946	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0946	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0946	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0946	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.189	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0946	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0946	U
2,4-Dichlorophenol	120-83-2	~	~	0.0946	U
2,4-Dimethylphenol	105-67-9	~	~	0.0946	U
2,4-Dinitrophenol	51-28-5	~	~	0.189	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0946	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0946	U
2-Chloronaphthalene	91-58-7	~	~	0.0946	U
2-Chlorophenol	95-57-8	~	~	0.0946	U
2-Methylnaphthalene	91-57-6	~	~	0.0946	U
2-Methylphenol	95-48-7	0.33	0.33	0.0946	U
2-Nitroaniline	88-74-4	~	~	0.189	U
2-Nitrophenol	88-75-5	~	~	0.0946	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0946	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0946	U

3-Nitroaniline	99-09-2	~	~	0.189	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.189	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0946	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0946	U
4-Chloroaniline	106-47-8	~	~	0.0946	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0946	U
4-Nitroaniline	100-01-6	~	~	0.189	U
4-Nitrophenol	100-02-7	~	~	0.189	U
Acenaphthene	83-32-9	20	98	0.0946	U
Acenaphthylene	208-96-8	100	107	0.0946	U
Acetophenone	98-86-2	~	~	0.0946	U
Aniline	62-53-3	~	~	0.379	U
Anthracene	120-12-7	100	1000	0.0946	U
Atrazine	1912-24-9	~	~	0.0946	U
Benzaldehyde	100-52-7	~	~	0.0946	U
Benzidine	92-87-5	~	~	0.379	U
Benzo(a)anthracene	56-55-3	1	1	0.0946	U
Benzo(a)pyrene	50-32-8	1	22	0.0946	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0946	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0946	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0946	U
Benzoic acid	65-85-0	~	~	0.0946	U
Benzyl alcohol	100-51-6	~	~	0.0946	U
Benzyl butyl phthalate	85-68-7	~	~	0.0946	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0946	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0946	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0946	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0946	U
Caprolactam	105-60-2	~	~	0.189	U
Carbazole	86-74-8	~	~	0.0946	U
Chrysene	218-01-9	1	1	0.0946	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0946	U
Dibenzofuran	132-64-9	7	210	0.0946	U
Diethyl phthalate	84-66-2	~	~	0.0946	U
Dimethyl phthalate	131-11-3	~	~	0.0946	U
Di-n-butyl phthalate	84-74-2	~	~	0.0946	U
Di-n-octyl phthalate	117-84-0	~	~	0.0946	U
Fluoranthene	206-44-0	100	1000	0.175	D
Fluorene	86-73-7	30	386	0.0946	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0946	U
Hexachlorobutadiene	87-68-3	~	~	0.0946	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0946	U
Hexachloroethane	67-72-1	~	~	0.0946	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0946	U
Isophorone	78-59-1	~	~	0.0946	U
Naphthalene	91-20-3	12	12	0.0946	U
Nitrobenzene	98-95-3	~	~	0.0946	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0946	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0946	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0946	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0946	U
Phenanthrene	85-01-8	100	1000	0.0946	U
Phenol	108-95-2	0.33	0.33	0.0946	U
Pyrene	129-00-0	100	1000	0.146	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00281	U
4,4'-DDE	72-55-9	0.0033	17	0.00281	U
4,4'-DDT	50-29-3	0.0033	136	**0.0158**	D
Aldrin	309-00-2	0.005	0.19	0.00281	U
alpha-BHC	319-84-6	0.02	0.02	0.00281	U
beta-BHC	319-85-7	0.036	0.09	0.00281	U
Chlordane, total	57-74-9	~	~	0.00562	U
delta-BHC	319-86-8	0.04	0.25	0.00281	U
Dieldrin	60-57-1	0.005	0.1	0.00281	U
Endosulfan I	959-98-8	2.4	102	0.00281	U
Endosulfan II	33213-65-9	2.4	102	0.00281	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00281	U
Endrin	72-20-8	0.014	0.06	0.00281	U
Endrin aldehyde	7421-93-4	~	~	0.00425	D
Endrin ketone	53494-70-5	~	~	0.00281	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00281	U
Heptachlor	76-44-8	0.042	0.38	0.00281	U
Heptachlor epoxide	1024-57-3	~	~	0.00281	U
Methoxychlor	72-43-5	~	~	0.0140	U
Toxaphene	8001-35-2	~	~	0.142	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	56.700	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	4,790	
Antimony	7440-36-0	~	~	1.270	
Arsenic	7440-38-2	13	16	1.220	
Barium	7440-39-3	350	820	73.100	
Beryllium	7440-41-7	7.2	47	0.113	U
Cadmium	7440-43-9	2.5	7.5	0.340	U
Calcium	7440-70-2	~	~	2,950	
Chromium	7440-47-3	~	~	10.700	
Cobalt	7440-48-4	~	~	6.270	
Copper	7440-50-8	50	1720	17.400	
Iron	7439-89-6	~	~	10,100	
Lead	7439-92-1	63	450	21.700	
Magnesium	7439-95-4	~	~	2,560	
Manganese	7439-96-5	1600	2000	286	
Nickel	7440-02-0	30	130	28.200	B
Potassium	7440-09-7	~	~	1,190	
Selenium	7782-49-2	3.9	4	1.130	U
Silver	7440-22-4	2	8.3	0.567	U
Sodium	7440-23-5	~	~	163	

Thallium	7440-28-0	~	~	1.130	U
Vanadium	7440-62-2	~	~	12.900	
Zinc	7440-66-6	109	2480	52.400	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0770	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.567	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.681	
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	470	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.080	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	88.200	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0283	U
Aroclor 1221	11104-28-2	~	~	0.0283	U
Aroclor 1232	11141-16-5	~	~	0.0283	U
Aroclor 1242	53469-21-9	~	~	0.0283	U
Aroclor 1248	12672-29-6	~	~	0.0283	U
Aroclor 1254	11097-69-1	~	~	0.0599	
Aroclor 1260	11096-82-5	~	~	0.0283	U
Total PCBs	1336-36-3	0.1	3.2	0.0599	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S2 18I0422-01 9/11/2018 9:55:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00520	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00520	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00520	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00520	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00520	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00520	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00520	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00520	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00520	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00520	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00520	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00520	U
1,2-Dibromoethane	106-93-4	~	~	0.00520	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00520	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00520	U
1,2-Dichloropropane	78-87-5	~	~	0.00520	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00520	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00520	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00520	U
1,4-Dioxane	123-91-1	0.1	0.1	0.100	U
2-Butanone	78-93-3	0.12	0.12	0.00520	U
2-Hexanone	591-78-6	~	~	0.00520	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00520	U
Acetone	67-64-1	0.05	0.05	0.0220	
Acrolein	107-02-8	~	~	0.0100	U
Acrylonitrile	107-13-1	~	~	0.00520	U
Benzene	71-43-2	0.06	0.06	0.00520	U
Bromochloromethane	74-97-5	~	~	0.00520	U
Bromodichloromethane	75-27-4	~	~	0.00520	U
Bromoform	75-25-2	~	~	0.00520	U
Bromomethane	74-83-9	~	~	0.00520	U
Carbon disulfide	75-15-0	~	~	0.00520	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00520	U
Chlorobenzene	108-90-7	1.1	1.1	0.00520	U
Chloroethane	75-00-3	~	~	0.00520	U
Chloroform	67-66-3	0.37	0.37	0.00520	U
Chloromethane	74-87-3	~	~	0.00520	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00520	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00520	U
Cyclohexane	110-82-7	~	~	0.00520	U
Dibromochloromethane	124-48-1	~	~	0.00520	U
Dibromomethane	74-95-3	~	~	0.00520	U
Dichlorodifluoromethane	75-71-8	~	~	0.00520	U
Ethyl Benzene	100-41-4	1	1	0.00520	U
Hexachlorobutadiene	87-68-3	~	~	0.00520	U
Isopropylbenzene	98-82-8	~	~	0.00520	U
Methyl acetate	79-20-9	~	~	0.00520	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00520	U
Methylcyclohexane	108-87-2	~	~	0.00520	U
Methylene chloride	75-09-2	0.05	0.05	0.0100	U
n-Butylbenzene	104-51-8	12	12	0.00520	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00520	U
o-Xylene	95-47-6	~	~	0.00520	U
p- & m- Xylenes	179601-23-1	~	~	0.0100	U
p-Isopropyltoluene	99-87-6	~	~	0.00520	U
sec-Butylbenzene	135-98-8	11	11	0.00520	U
Styrene	100-42-5	~	~	0.00520	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00520	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00520	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00520	U
Toluene	108-88-3	0.7	0.7	0.00520	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00520	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00520	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00520	U
Trichloroethylene	79-01-6	0.47	0.47	0.00520	U
Trichlorofluoromethane	75-69-4	~	~	0.00520	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00520	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0160	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0928	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.185	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0928	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0928	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0928	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0928	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0928	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.185	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0928	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0928	U
2,4-Dichlorophenol	120-83-2	~	~	0.0928	U
2,4-Dimethylphenol	105-67-9	~	~	0.0928	U
2,4-Dinitrophenol	51-28-5	~	~	0.185	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0928	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0928	U
2-Chloronaphthalene	91-58-7	~	~	0.0928	U
2-Chlorophenol	95-57-8	~	~	0.0928	U
2-Methylnaphthalene	91-57-6	~	~	0.0928	U
2-Methylphenol	95-48-7	0.33	0.33	0.0928	U
2-Nitroaniline	88-74-4	~	~	0.185	U
2-Nitrophenol	88-75-5	~	~	0.0928	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0928	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0928	U

3-Nitroaniline	99-09-2	~	~	0.185	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.185	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0928	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0928	U
4-Chloroaniline	106-47-8	~	~	0.0928	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0928	U
4-Nitroaniline	100-01-6	~	~	0.185	U
4-Nitrophenol	100-02-7	~	~	0.185	U
Acenaphthene	83-32-9	20	98	0.0928	U
Acenaphthylene	208-96-8	100	107	0.0928	U
Acetophenone	98-86-2	~	~	0.0928	U
Aniline	62-53-3	~	~	0.372	U
Anthracene	120-12-7	100	1000	0.0928	U
Atrazine	1912-24-9	~	~	0.0928	U
Benzaldehyde	100-52-7	~	~	0.0928	U
Benzidine	92-87-5	~	~	0.372	U
Benzo(a)anthracene	56-55-3	1	1	0.0928	U
Benzo(a)pyrene	50-32-8	1	22	0.0928	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0928	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0928	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0928	U
Benzoic acid	65-85-0	~	~	0.0928	U
Benzyl alcohol	100-51-6	~	~	0.0928	U
Benzyl butyl phthalate	85-68-7	~	~	0.0928	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0928	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0928	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0928	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0928	U
Caprolactam	105-60-2	~	~	0.185	U
Carbazole	86-74-8	~	~	0.0928	U
Chrysene	218-01-9	1	1	0.0928	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0928	U
Dibenzofuran	132-64-9	7	210	0.0928	U
Diethyl phthalate	84-66-2	~	~	0.0928	U
Dimethyl phthalate	131-11-3	~	~	0.0928	U
Di-n-butyl phthalate	84-74-2	~	~	0.0928	U
Di-n-octyl phthalate	117-84-0	~	~	0.0928	U
Fluoranthene	206-44-0	100	1000	0.124	D
Fluorene	86-73-7	30	386	0.0928	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0928	U
Hexachlorobutadiene	87-68-3	~	~	0.0928	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0928	U
Hexachloroethane	67-72-1	~	~	0.0928	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0928	U
Isophorone	78-59-1	~	~	0.0928	U
Naphthalene	91-20-3	12	12	0.0928	U
Nitrobenzene	98-95-3	~	~	0.0928	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0928	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0928	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0928	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0928	U
Phenanthrene	85-01-8	100	1000	0.0928	U
Phenol	108-95-2	0.33	0.33	0.0928	U
Pyrene	129-00-0	100	1000	0.0971	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00183	U
4,4'-DDE	72-55-9	0.0033	17	0.00183	U
4,4'-DDT	50-29-3	0.0033	136	**0.00555**	D
Aldrin	309-00-2	0.005	0.19	0.00183	U
alpha-BHC	319-84-6	0.02	0.02	0.00183	U
beta-BHC	319-85-7	0.036	0.09	0.00183	U
Chlordane, total	57-74-9	~	~	0.00366	U
delta-BHC	319-86-8	0.04	0.25	0.00183	U
Dieldrin	60-57-1	0.005	0.1	0.00183	U
Endosulfan I	959-98-8	2.4	102	0.00183	U
Endosulfan II	33213-65-9	2.4	102	0.00183	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00183	U
Endrin	72-20-8	0.014	0.06	0.00183	U
Endrin aldehyde	7421-93-4	~	~	0.00183	U
Endrin ketone	53494-70-5	~	~	0.00183	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00183	U
Heptachlor	76-44-8	0.042	0.38	0.00183	U
Heptachlor epoxide	1024-57-3	~	~	0.00183	U
Methoxychlor	72-43-5	~	~	0.00915	U
Toxaphene	8001-35-2	~	~	0.0926	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	55.600	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	4,860	
Antimony	7440-36-0	~	~	1.590	
Arsenic	7440-38-2	13	16	1.110	U
Barium	7440-39-3	350	820	63.500	
Beryllium	7440-41-7	7.2	47	0.111	U
Cadmium	7440-43-9	2.5	7.5	0.334	U
Calcium	7440-70-2	~	~	18,500	
Chromium	7440-47-3	~	~	12.200	
Cobalt	7440-48-4	~	~	4.420	
Copper	7440-50-8	50	1720	11.600	
Iron	7439-89-6	~	~	8,810	
Lead	7439-92-1	63	450	24.700	
Magnesium	7439-95-4	~	~	2,880	
Manganese	7439-96-5	1600	2000	285	
Nickel	7440-02-0	30	130	12.500	B
Potassium	7440-09-7	~	~	1,250	
Selenium	7782-49-2	3.9	4	1.110	U
Silver	7440-22-4	2	8.3	0.556	U
Sodium	7440-23-5	~	~	276	

Thallium	7440-28-0	~	~	1.110	U
Vanadium	7440-62-2	~	~	11.500	
Zinc	7440-66-6	109	2480	45.300	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	**0.234**	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	**1.380**	
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.556	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	430	
pH				pH units	
Dilution Factor				1	
pH		~	~	11.500	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	89.900	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0185	U
Aroclor 1221	11104-28-2	~	~	0.0185	U
Aroclor 1232	11141-16-5	~	~	0.0185	U
Aroclor 1242	53469-21-9	~	~	0.0185	U
Aroclor 1248	12672-29-6	~	~	0.0185	U
Aroclor 1254	11097-69-1	~	~	0.0185	U
Aroclor 1260	11096-82-5	~	~	0.0185	U
Total PCBs	1336-36-3	0.1	3.2	0.0185	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S3 18I0424-01 9/11/2018 10:00:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00510	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00510	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00510	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00510	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00510	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00510	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00510	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00510	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00510	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00510	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00510	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00510	U
1,2-Dibromoethane	106-93-4	~	~	0.00510	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00510	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00510	U
1,2-Dichloropropane	78-87-5	~	~	0.00510	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00510	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00510	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00510	U
1,4-Dioxane	123-91-1	0.1	0.1	0.100	U
2-Butanone	78-93-3	0.12	0.12	0.00510	U
2-Hexanone	591-78-6	~	~	0.00510	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00510	U
Acetone	67-64-1	0.05	0.05	0.0180	
Acrolein	107-02-8	~	~	0.0100	U
Acrylonitrile	107-13-1	~	~	0.00510	U
Benzene	71-43-2	0.06	0.06	0.00510	U
Bromochloromethane	74-97-5	~	~	0.00510	U
Bromodichloromethane	75-27-4	~	~	0.00510	U
Bromoform	75-25-2	~	~	0.00510	U
Bromomethane	74-83-9	~	~	0.00510	U
Carbon disulfide	75-15-0	~	~	0.00510	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00510	U
Chlorobenzene	108-90-7	1.1	1.1	0.00510	U
Chloroethane	75-00-3	~	~	0.00510	U
Chloroform	67-66-3	0.37	0.37	0.00510	U
Chloromethane	74-87-3	~	~	0.00510	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00510	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00510	U
Cyclohexane	110-82-7	~	~	0.00510	U
Dibromochloromethane	124-48-1	~	~	0.00510	U
Dibromomethane	74-95-3	~	~	0.00510	U
Dichlorodifluoromethane	75-71-8	~	~	0.00510	U
Ethyl Benzene	100-41-4	1	1	0.00510	U
Hexachlorobutadiene	87-68-3	~	~	0.00510	U
Isopropylbenzene	98-82-8	~	~	0.00510	U
Methyl acetate	79-20-9	~	~	0.00510	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00510	U
Methylcyclohexane	108-87-2	~	~	0.00510	U
Methylene chloride	75-09-2	0.05	0.05	0.0100	U
n-Butylbenzene	104-51-8	12	12	0.00510	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00510	U
o-Xylene	95-47-6	~	~	0.00510	U
p- & m- Xylenes	179601-23-1	~	~	0.0100	U
p-Isopropyltoluene	99-87-6	~	~	0.00510	U
sec-Butylbenzene	135-98-8	11	11	0.00510	U
Styrene	100-42-5	~	~	0.00510	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00510	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00510	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00510	U
Toluene	108-88-3	0.7	0.7	0.00510	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00510	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00510	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00510	U
Trichloroethylene	79-01-6	0.47	0.47	0.00510	U
Trichlorofluoromethane	75-69-4	~	~	0.00510	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00510	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0150	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0958	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.191	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0958	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0958	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0958	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0958	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0958	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.191	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0958	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0958	U
2,4-Dichlorophenol	120-83-2	~	~	0.0958	U
2,4-Dimethylphenol	105-67-9	~	~	0.0958	U
2,4-Dinitrophenol	51-28-5	~	~	0.191	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0958	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0958	U
2-Chloronaphthalene	91-58-7	~	~	0.0958	U
2-Chlorophenol	95-57-8	~	~	0.0958	U
2-Methylnaphthalene	91-57-6	~	~	0.0958	U
2-Methylphenol	95-48-7	0.33	0.33	0.0958	U
2-Nitroaniline	88-74-4	~	~	0.191	U
2-Nitrophenol	88-75-5	~	~	0.0958	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0958	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0958	U

3-Nitroaniline	99-09-2	~	~	0.191	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.191	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0958	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0958	U
4-Chloroaniline	106-47-8	~	~	0.0958	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0958	U
4-Nitroaniline	100-01-6	~	~	0.191	U
4-Nitrophenol	100-02-7	~	~	0.191	U
Acenaphthene	83-32-9	20	98	0.0958	U
Acenaphthylene	208-96-8	100	107	0.0958	U
Acetophenone	98-86-2	~	~	0.0958	U
Aniline	62-53-3	~	~	0.384	U
Anthracene	120-12-7	100	1000	0.0958	U
Atrazine	1912-24-9	~	~	0.0958	U
Benzaldehyde	100-52-7	~	~	0.0958	U
Benzidine	92-87-5	~	~	0.384	U
Benzo(a)anthracene	56-55-3	1	1	0.120	D
Benzo(a)pyrene	50-32-8	1	22	0.0958	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0958	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0958	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0958	U
Benzoic acid	65-85-0	~	~	0.0958	U
Benzyl alcohol	100-51-6	~	~	0.0958	U
Benzyl butyl phthalate	85-68-7	~	~	0.0958	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0958	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0958	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0958	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0958	U
Caprolactam	105-60-2	~	~	0.191	U
Carbazole	86-74-8	~	~	0.0958	U
Chrysene	218-01-9	1	1	0.113	D
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0958	U
Dibenzofuran	132-64-9	7	210	0.0958	U
Diethyl phthalate	84-66-2	~	~	0.0958	U
Dimethyl phthalate	131-11-3	~	~	0.0958	U
Di-n-butyl phthalate	84-74-2	~	~	0.0958	U
Di-n-octyl phthalate	117-84-0	~	~	0.0958	U
Fluoranthene	206-44-0	100	1000	0.275	D
Fluorene	86-73-7	30	386	0.0958	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0958	U
Hexachlorobutadiene	87-68-3	~	~	0.0958	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0958	U
Hexachloroethane	67-72-1	~	~	0.0958	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0958	U
Isophorone	78-59-1	~	~	0.0958	U
Naphthalene	91-20-3	12	12	0.0958	U
Nitrobenzene	98-95-3	~	~	0.0958	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0958	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0958	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0958	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0958	U
Phenanthrene	85-01-8	100	1000	0.181	D
Phenol	108-95-2	0.33	0.33	0.0958	U
Pyrene	129-00-0	100	1000	0.214	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00190	U
4,4'-DDE	72-55-9	0.0033	17	0.00190	U
4,4'-DDT	50-29-3	0.0033	136	**0.00380**	D
Aldrin	309-00-2	0.005	0.19	0.00190	U
alpha-BHC	319-84-6	0.02	0.02	0.00190	U
beta-BHC	319-85-7	0.036	0.09	0.00190	U
Chlordane, total	57-74-9	~	~	0.00379	U
delta-BHC	319-86-8	0.04	0.25	0.00190	U
Dieldrin	60-57-1	0.005	0.1	0.00190	U
Endosulfan I	959-98-8	2.4	102	0.00190	U
Endosulfan II	33213-65-9	2.4	102	0.00190	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00190	U
Endrin	72-20-8	0.014	0.06	0.00190	U
Endrin aldehyde	7421-93-4	~	~	0.00190	U
Endrin ketone	53494-70-5	~	~	0.00190	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00190	U
Heptachlor	76-44-8	0.042	0.38	0.00190	U
Heptachlor epoxide	1024-57-3	~	~	0.00190	U
Methoxychlor	72-43-5	~	~	0.00948	U
Toxaphene	8001-35-2	~	~	0.0959	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	57.400	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	4,970	
Antimony	7440-36-0	~	~	1.080	
Arsenic	7440-38-2	13	16	1.730	
Barium	7440-39-3	350	820	58.400	
Beryllium	7440-41-7	7.2	47	0.115	U
Cadmium	7440-43-9	2.5	7.5	0.345	U
Calcium	7440-70-2	~	~	21,700	
Chromium	7440-47-3	~	~	11.900	
Cobalt	7440-48-4	~	~	4.200	
Copper	7440-50-8	50	1720	12.600	
Iron	7439-89-6	~	~	8,790	
Lead	7439-92-1	63	450	30	
Magnesium	7439-95-4	~	~	2,980	
Manganese	7439-96-5	1600	2000	250	
Nickel	7440-02-0	30	130	12.100	B
Potassium	7440-09-7	~	~	1,360	
Selenium	7782-49-2	3.9	4	1.150	U
Silver	7440-22-4	2	8.3	0.574	U
Sodium	7440-23-5	~	~	232	

Thallium	7440-28-0	~	~	1.150	U
Vanadium	7440-62-2	~	~	10.800	
Zinc	7440-66-6	109	2480	58.300	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.178	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	**1.380**	
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.574	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	420	
pH				pH units	
Dilution Factor				1	
pH		~	~	11.500	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	87.100	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0191	U
Aroclor 1221	11104-28-2	~	~	0.0191	U
Aroclor 1232	11141-16-5	~	~	0.0191	U
Aroclor 1242	53469-21-9	~	~	0.0191	U
Aroclor 1248	12672-29-6	~	~	0.0191	U
Aroclor 1254	11097-69-1	~	~	0.0191	U
Aroclor 1260	11096-82-5	~	~	0.0191	U
Total PCBs	1336-36-3	0.1	3.2	0.0191	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S4 18I0426-01 9/11/2018 10:05:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00470	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00470	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00470	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00470	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00470	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00470	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00470	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00470	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00470	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00470	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00470	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00470	U
1,2-Dibromoethane	106-93-4	~	~	0.00470	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00470	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00470	U
1,2-Dichloropropane	78-87-5	~	~	0.00470	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00470	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00470	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00470	U
1,4-Dioxane	123-91-1	0.1	0.1	0.0940	U
2-Butanone	78-93-3	0.12	0.12	0.00470	U
2-Hexanone	591-78-6	~	~	0.00470	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00470	U
Acetone	67-64-1	0.05	0.05	0.00940	J
Acrolein	107-02-8	~	~	0.00940	U
Acrylonitrile	107-13-1	~	~	0.00470	U
Benzene	71-43-2	0.06	0.06	0.00470	U
Bromochloromethane	74-97-5	~	~	0.00470	U
Bromodichloromethane	75-27-4	~	~	0.00470	U
Bromoform	75-25-2	~	~	0.00470	U
Bromomethane	74-83-9	~	~	0.00470	U
Carbon disulfide	75-15-0	~	~	0.00470	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00470	U
Chlorobenzene	108-90-7	1.1	1.1	0.00470	U
Chloroethane	75-00-3	~	~	0.00470	U
Chloroform	67-66-3	0.37	0.37	0.00470	U
Chloromethane	74-87-3	~	~	0.00470	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00470	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00470	U
Cyclohexane	110-82-7	~	~	0.00470	U
Dibromochloromethane	124-48-1	~	~	0.00470	U
Dibromomethane	74-95-3	~	~	0.00470	U
Dichlorodifluoromethane	75-71-8	~	~	0.00470	U
Ethyl Benzene	100-41-4	1	1	0.00470	U
Hexachlorobutadiene	87-68-3	~	~	0.00470	U
Isopropylbenzene	98-82-8	~	~	0.00470	U
Methyl acetate	79-20-9	~	~	0.00470	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00470	U
Methylcyclohexane	108-87-2	~	~	0.00470	U
Methylene chloride	75-09-2	0.05	0.05	0.00940	U
n-Butylbenzene	104-51-8	12	12	0.00470	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00470	U
o-Xylene	95-47-6	~	~	0.00470	U
p- & m- Xylenes	179601-23-1	~	~	0.00940	U
p-Isopropyltoluene	99-87-6	~	~	0.00470	U
sec-Butylbenzene	135-98-8	11	11	0.00470	U
Styrene	100-42-5	~	~	0.00470	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00470	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00470	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00470	U
Toluene	108-88-3	0.7	0.7	0.00470	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00470	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00470	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00470	U
Trichloroethylene	79-01-6	0.47	0.47	0.00470	U
Trichlorofluoromethane	75-69-4	~	~	0.00470	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00470	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0140	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0941	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.188	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0941	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0941	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0941	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0941	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0941	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.188	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0941	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0941	U
2,4-Dichlorophenol	120-83-2	~	~	0.0941	U
2,4-Dimethylphenol	105-67-9	~	~	0.0941	U
2,4-Dinitrophenol	51-28-5	~	~	0.188	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0941	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0941	U
2-Chloronaphthalene	91-58-7	~	~	0.0941	U
2-Chlorophenol	95-57-8	~	~	0.0941	U
2-Methylnaphthalene	91-57-6	~	~	0.0941	U
2-Methylphenol	95-48-7	0.33	0.33	0.0941	U
2-Nitroaniline	88-74-4	~	~	0.188	U
2-Nitrophenol	88-75-5	~	~	0.0941	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0941	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0941	U

3-Nitroaniline	99-09-2	~	~	0.188	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.188	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0941	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0941	U
4-Chloroaniline	106-47-8	~	~	0.0941	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0941	U
4-Nitroaniline	100-01-6	~	~	0.188	U
4-Nitrophenol	100-02-7	~	~	0.188	U
Acenaphthene	83-32-9	20	98	0.0941	U
Acenaphthylene	208-96-8	100	107	0.0941	U
Acetophenone	98-86-2	~	~	0.0941	U
Aniline	62-53-3	~	~	0.377	U
Anthracene	120-12-7	100	1000	0.0941	U
Atrazine	1912-24-9	~	~	0.0941	U
Benzaldehyde	100-52-7	~	~	0.0941	U
Benzidine	92-87-5	~	~	0.377	U
Benzo(a)anthracene	56-55-3	1	1	0.0941	U
Benzo(a)pyrene	50-32-8	1	22	0.0941	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0941	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0941	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0941	U
Benzoic acid	65-85-0	~	~	0.0941	U
Benzyl alcohol	100-51-6	~	~	0.0941	U
Benzyl butyl phthalate	85-68-7	~	~	0.0941	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0941	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0941	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0941	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0941	U
Caprolactam	105-60-2	~	~	0.188	U
Carbazole	86-74-8	~	~	0.0941	U
Chrysene	218-01-9	1	1	0.0941	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0941	U
Dibenzofuran	132-64-9	7	210	0.0941	U
Diethyl phthalate	84-66-2	~	~	0.0941	U
Dimethyl phthalate	131-11-3	~	~	0.0941	U
Di-n-butyl phthalate	84-74-2	~	~	0.0941	U
Di-n-octyl phthalate	117-84-0	~	~	0.0941	U
Fluoranthene	206-44-0	100	1000	0.176	D
Fluorene	86-73-7	30	386	0.0941	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0941	U
Hexachlorobutadiene	87-68-3	~	~	0.0941	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0941	U
Hexachloroethane	67-72-1	~	~	0.0941	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0941	U
Isophorone	78-59-1	~	~	0.0941	U
Naphthalene	91-20-3	12	12	0.0941	U
Nitrobenzene	98-95-3	~	~	0.0941	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0941	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0941	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0941	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0941	U
Phenanthrene	85-01-8	100	1000	0.100	D
Phenol	108-95-2	0.33	0.33	0.0941	U
Pyrene	129-00-0	100	1000	0.143	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00323	D
4,4'-DDE	72-55-9	0.0033	17	**0.00600**	D
4,4'-DDT	50-29-3	0.0033	136	**0.0237**	D
Aldrin	309-00-2	0.005	0.19	0.00186	U
alpha-BHC	319-84-6	0.02	0.02	0.00186	U
beta-BHC	319-85-7	0.036	0.09	0.00186	U
Chlordane, total	57-74-9	~	~	0.00372	U
delta-BHC	319-86-8	0.04	0.25	0.00186	U
Dieldrin	60-57-1	0.005	0.1	0.00186	U
Endosulfan I	959-98-8	2.4	102	0.00186	U
Endosulfan II	33213-65-9	2.4	102	0.00186	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00186	U
Endrin	72-20-8	0.014	0.06	0.00186	U
Endrin aldehyde	7421-93-4	~	~	0.00186	U
Endrin ketone	53494-70-5	~	~	0.00186	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00186	U
Heptachlor	76-44-8	0.042	0.38	0.00186	U
Heptachlor epoxide	1024-57-3	~	~	0.00186	U
Methoxychlor	72-43-5	~	~	0.00931	U
Toxaphene	8001-35-2	~	~	0.0942	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	55.900	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	4,820	
Antimony	7440-36-0	~	~	1.340	
Arsenic	7440-38-2	13	16	1.140	
Barium	7440-39-3	350	820	58.800	
Beryllium	7440-41-7	7.2	47	0.113	U
Cadmium	7440-43-9	2.5	7.5	0.338	U
Calcium	7440-70-2	~	~	6,530	
Chromium	7440-47-3	~	~	10.500	
Cobalt	7440-48-4	~	~	5.540	
Copper	7440-50-8	50	1720	13.400	
Iron	7439-89-6	~	~	9,060	
Lead	7439-92-1	63	450	19.200	
Magnesium	7439-95-4	~	~	2,710	
Manganese	7439-96-5	1600	2000	290	
Nickel	7440-02-0	30	130	27.500	B
Potassium	7440-09-7	~	~	1,300	
Selenium	7782-49-2	3.9	4	1.130	U
Silver	7440-22-4	2	8.3	0.564	U
Sodium	7440-23-5	~	~	163	

Thallium	7440-28-0	~	~	1.130	U
Vanadium	7440-62-2	~	~	12.300	
Zinc	7440-66-6	109	2480	46.700	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0868	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.564	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.564	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	420	
pH				pH units	
Dilution Factor				1	
pH		~	~	10.800	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	88.600	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0188	U
Aroclor 1221	11104-28-2	~	~	0.0188	U
Aroclor 1232	11141-16-5	~	~	0.0188	U
Aroclor 1242	53469-21-9	~	~	0.0188	U
Aroclor 1248	12672-29-6	~	~	0.0188	U
Aroclor 1254	11097-69-1	~	~	0.0188	U
Aroclor 1260	11096-82-5	~	~	0.0188	U
Total PCBs	1336-36-3	0.1	3.2	0.0188	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S5 18I0429-01 9/11/2018 10:10:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00500	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00500	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00500	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00500	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00500	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00500	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00500	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00500	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00500	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00500	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00500	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00500	U
1,2-Dibromoethane	106-93-4	~	~	0.00500	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00500	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00500	U
1,2-Dichloropropane	78-87-5	~	~	0.00500	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00500	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00500	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00500	U
1,4-Dioxane	123-91-1	0.1	0.1	0.100	U
2-Butanone	78-93-3	0.12	0.12	0.00500	U
2-Hexanone	591-78-6	~	~	0.00500	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00500	U
Acetone	67-64-1	0.05	0.05	0.0100	U
Acrolein	107-02-8	~	~	0.0100	U
Acrylonitrile	107-13-1	~	~	0.00500	U
Benzene	71-43-2	0.06	0.06	0.00500	U
Bromochloromethane	74-97-5	~	~	0.00500	U
Bromodichloromethane	75-27-4	~	~	0.00500	U
Bromoform	75-25-2	~	~	0.00500	U
Bromomethane	74-83-9	~	~	0.00500	U
Carbon disulfide	75-15-0	~	~	0.00500	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00500	U
Chlorobenzene	108-90-7	1.1	1.1	0.00500	U
Chloroethane	75-00-3	~	~	0.00500	U
Chloroform	67-66-3	0.37	0.37	0.00500	U
Chloromethane	74-87-3	~	~	0.00500	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00500	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00500	U
Cyclohexane	110-82-7	~	~	0.00500	U
Dibromochloromethane	124-48-1	~	~	0.00500	U
Dibromomethane	74-95-3	~	~	0.00500	U
Dichlorodifluoromethane	75-71-8	~	~	0.00500	U
Ethyl Benzene	100-41-4	1	1	0.00500	U
Hexachlorobutadiene	87-68-3	~	~	0.00500	U
Isopropylbenzene	98-82-8	~	~	0.00500	U
Methyl acetate	79-20-9	~	~	0.00500	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00500	U
Methylcyclohexane	108-87-2	~	~	0.00500	U
Methylene chloride	75-09-2	0.05	0.05	0.0100	U
n-Butylbenzene	104-51-8	12	12	0.00500	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00500	U
o-Xylene	95-47-6	~	~	0.00500	U
p- & m- Xylenes	179601-23-1	~	~	0.0100	U
p-Isopropyltoluene	99-87-6	~	~	0.00500	U
sec-Butylbenzene	135-98-8	11	11	0.00500	U
Styrene	100-42-5	~	~	0.00500	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00500	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00500	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00500	U
Toluene	108-88-3	0.7	0.7	0.00500	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00500	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00500	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00500	U
Trichloroethylene	79-01-6	0.47	0.47	0.00500	U
Trichlorofluoromethane	75-69-4	~	~	0.00500	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00500	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0150	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0953	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.190	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0953	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0953	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0953	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0953	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0953	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.190	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0953	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0953	U
2,4-Dichlorophenol	120-83-2	~	~	0.0953	U
2,4-Dimethylphenol	105-67-9	~	~	0.0953	U
2,4-Dinitrophenol	51-28-5	~	~	0.190	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0953	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0953	U
2-Chloronaphthalene	91-58-7	~	~	0.0953	U
2-Chlorophenol	95-57-8	~	~	0.0953	U
2-Methylnaphthalene	91-57-6	~	~	0.0953	U
2-Methylphenol	95-48-7	0.33	0.33	0.0953	U
2-Nitroaniline	88-74-4	~	~	0.190	U
2-Nitrophenol	88-75-5	~	~	0.0953	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0953	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0953	U

3-Nitroaniline	99-09-2	~	~	0.190	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.190	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0953	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0953	U
4-Chloroaniline	106-47-8	~	~	0.0953	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0953	U
4-Nitroaniline	100-01-6	~	~	0.190	U
4-Nitrophenol	100-02-7	~	~	0.190	U
Acenaphthene	83-32-9	20	98	0.0953	U
Acenaphthylene	208-96-8	100	107	0.0953	U
Acetophenone	98-86-2	~	~	0.0953	U
Aniline	62-53-3	~	~	0.382	U
Anthracene	120-12-7	100	1000	0.0953	U
Atrazine	1912-24-9	~	~	0.0953	U
Benzaldehyde	100-52-7	~	~	0.0953	U
Benzidine	92-87-5	~	~	0.382	U
Benzo(a)anthracene	56-55-3	1	1	0.118	D
Benzo(a)pyrene	50-32-8	1	22	0.117	D
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0953	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0953	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.104	D
Benzoic acid	65-85-0	~	~	0.0953	U
Benzyl alcohol	100-51-6	~	~	0.0953	U
Benzyl butyl phthalate	85-68-7	~	~	0.0953	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0953	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0953	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0953	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0953	U
Caprolactam	105-60-2	~	~	0.190	U
Carbazole	86-74-8	~	~	0.0953	U
Chrysene	218-01-9	1	1	0.129	D
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0953	U
Dibenzofuran	132-64-9	7	210	0.0953	U
Diethyl phthalate	84-66-2	~	~	0.0953	U
Dimethyl phthalate	131-11-3	~	~	0.0953	U
Di-n-butyl phthalate	84-74-2	~	~	0.0953	U
Di-n-octyl phthalate	117-84-0	~	~	0.0953	U
Fluoranthene	206-44-0	100	1000	0.238	D
Fluorene	86-73-7	30	386	0.0953	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0953	U
Hexachlorobutadiene	87-68-3	~	~	0.0953	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0953	U
Hexachloroethane	67-72-1	~	~	0.0953	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0953	U
Isophorone	78-59-1	~	~	0.0953	U
Naphthalene	91-20-3	12	12	0.0953	U
Nitrobenzene	98-95-3	~	~	0.0953	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0953	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0953	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0953	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0953	U
Phenanthrene	85-01-8	100	1000	0.110	D
Phenol	108-95-2	0.33	0.33	0.0953	U
Pyrene	129-00-0	100	1000	0.204	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00189	U
4,4'-DDE	72-55-9	0.0033	17	0.00189	U
4,4'-DDT	50-29-3	0.0033	136	**0.0197**	D
Aldrin	309-00-2	0.005	0.19	0.00189	U
alpha-BHC	319-84-6	0.02	0.02	0.00189	U
beta-BHC	319-85-7	0.036	0.09	0.00189	U
Chlordane, total	57-74-9	~	~	0.00377	U
delta-BHC	319-86-8	0.04	0.25	0.00189	U
Dieldrin	60-57-1	0.005	0.1	0.00189	U
Endosulfan I	959-98-8	2.4	102	0.00189	U
Endosulfan II	33213-65-9	2.4	102	0.00189	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00189	U
Endrin	72-20-8	0.014	0.06	0.00189	U
Endrin aldehyde	7421-93-4	~	~	0.00189	U
Endrin ketone	53494-70-5	~	~	0.00189	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00189	U
Heptachlor	76-44-8	0.042	0.38	0.00189	U
Heptachlor epoxide	1024-57-3	~	~	0.00189	U
Methoxychlor	72-43-5	~	~	0.00943	U
Toxaphene	8001-35-2	~	~	0.0954	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	56.600	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	4,350	
Antimony	7440-36-0	~	~	0.672	
Arsenic	7440-38-2	13	16	1.140	U
Barium	7440-39-3	350	820	62.500	
Beryllium	7440-41-7	7.2	47	0.114	U
Cadmium	7440-43-9	2.5	7.5	0.343	U
Calcium	7440-70-2	~	~	3,610	
Chromium	7440-47-3	~	~	9.810	
Cobalt	7440-48-4	~	~	5.330	
Copper	7440-50-8	50	1720	12.600	
Iron	7439-89-6	~	~	8,640	
Lead	7439-92-1	63	450	34.300	
Magnesium	7439-95-4	~	~	2,540	
Manganese	7439-96-5	1600	2000	295	
Nickel	7440-02-0	30	130	24.100	B
Potassium	7440-09-7	~	~	1,140	
Selenium	7782-49-2	3.9	4	1.140	U
Silver	7440-22-4	2	8.3	0.571	U
Sodium	7440-23-5	~	~	153	

Thallium	7440-28-0	~	~	1.140	U
Vanadium	7440-62-2	~	~	11.900	
Zinc	7440-66-6	109	2480	47	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0898	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.571	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.571	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	400	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.630	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	87.500	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0190	U
Aroclor 1221	11104-28-2	~	~	0.0190	U
Aroclor 1232	11141-16-5	~	~	0.0190	U
Aroclor 1242	53469-21-9	~	~	0.0190	U
Aroclor 1248	12672-29-6	~	~	0.0190	U
Aroclor 1254	11097-69-1	~	~	0.0190	U
Aroclor 1260	11096-82-5	~	~	0.0190	U
Total PCBs	1336-36-3	0.1	3.2	0.0190	U

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U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S6 18I0431-01 9/11/2018 10:15:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00530	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00530	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00530	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00530	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00530	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00530	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00530	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00530	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00530	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00530	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00530	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00530	U
1,2-Dibromoethane	106-93-4	~	~	0.00530	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00530	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00530	U
1,2-Dichloropropane	78-87-5	~	~	0.00530	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00530	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00530	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00530	U
1,4-Dioxane	123-91-1	0.1	0.1	**0.110**	U
2-Butanone	78-93-3	0.12	0.12	0.00530	U
2-Hexanone	591-78-6	~	~	0.00530	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00530	U
Acetone	67-64-1	0.05	0.05	0.0110	U
Acrolein	107-02-8	~	~	0.0110	U
Acrylonitrile	107-13-1	~	~	0.00530	U
Benzene	71-43-2	0.06	0.06	0.00530	U
Bromochloromethane	74-97-5	~	~	0.00530	U
Bromodichloromethane	75-27-4	~	~	0.00530	U
Bromoform	75-25-2	~	~	0.00530	U
Bromomethane	74-83-9	~	~	0.00530	U
Carbon disulfide	75-15-0	~	~	0.00530	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00530	U
Chlorobenzene	108-90-7	1.1	1.1	0.00530	U
Chloroethane	75-00-3	~	~	0.00530	U
Chloroform	67-66-3	0.37	0.37	0.00530	U
Chloromethane	74-87-3	~	~	0.00530	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00530	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00530	U
Cyclohexane	110-82-7	~	~	0.00530	U
Dibromochloromethane	124-48-1	~	~	0.00530	U
Dibromomethane	74-95-3	~	~	0.00530	U
Dichlorodifluoromethane	75-71-8	~	~	0.00530	U
Ethyl Benzene	100-41-4	1	1	0.00530	U
Hexachlorobutadiene	87-68-3	~	~	0.00530	U
Isopropylbenzene	98-82-8	~	~	0.00530	U
Methyl acetate	79-20-9	~	~	0.00530	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00530	U
Methylcyclohexane	108-87-2	~	~	0.00530	U
Methylene chloride	75-09-2	0.05	0.05	0.0110	U
n-Butylbenzene	104-51-8	12	12	0.00530	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00530	U
o-Xylene	95-47-6	~	~	0.00530	U
p- & m- Xylenes	179601-23-1	~	~	0.0110	U
p-Isopropyltoluene	99-87-6	~	~	0.00530	U
sec-Butylbenzene	135-98-8	11	11	0.00530	U
Styrene	100-42-5	~	~	0.00530	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00530	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00530	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00530	U
Toluene	108-88-3	0.7	0.7	0.00530	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00530	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00530	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00530	U
Trichloroethylene	79-01-6	0.47	0.47	0.00530	U
Trichlorofluoromethane	75-69-4	~	~	0.00530	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00530	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0160	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0941	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.188	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0941	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0941	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0941	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0941	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0941	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.188	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0941	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0941	U
2,4-Dichlorophenol	120-83-2	~	~	0.0941	U
2,4-Dimethylphenol	105-67-9	~	~	0.0941	U
2,4-Dinitrophenol	51-28-5	~	~	0.188	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0941	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0941	U
2-Chloronaphthalene	91-58-7	~	~	0.0941	U
2-Chlorophenol	95-57-8	~	~	0.0941	U
2-Methylnaphthalene	91-57-6	~	~	0.0941	U
2-Methylphenol	95-48-7	0.33	0.33	0.0941	U
2-Nitroaniline	88-74-4	~	~	0.188	U
2-Nitrophenol	88-75-5	~	~	0.0941	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0941	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0941	U

3-Nitroaniline	99-09-2	~	~	0.188	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.188	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0941	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0941	U
4-Chloroaniline	106-47-8	~	~	0.0941	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0941	U
4-Nitroaniline	100-01-6	~	~	0.188	U
4-Nitrophenol	100-02-7	~	~	0.188	U
Acenaphthene	83-32-9	20	98	0.0941	U
Acenaphthylene	208-96-8	100	107	0.0941	U
Acetophenone	98-86-2	~	~	0.0941	U
Aniline	62-53-3	~	~	0.377	U
Anthracene	120-12-7	100	1000	0.0941	U
Atrazine	1912-24-9	~	~	0.0941	U
Benzaldehyde	100-52-7	~	~	0.0941	U
Benzidine	92-87-5	~	~	0.377	U
Benzo(a)anthracene	56-55-3	1	1	0.0941	U
Benzo(a)pyrene	50-32-8	1	22	0.0941	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0941	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0941	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0941	U
Benzoic acid	65-85-0	~	~	0.0941	U
Benzyl alcohol	100-51-6	~	~	0.0941	U
Benzyl butyl phthalate	85-68-7	~	~	0.0941	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0941	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0941	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0941	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0941	U
Caprolactam	105-60-2	~	~	0.188	U
Carbazole	86-74-8	~	~	0.0941	U
Chrysene	218-01-9	1	1	0.0941	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0941	U
Dibenzofuran	132-64-9	7	210	0.0941	U
Diethyl phthalate	84-66-2	~	~	0.0941	U
Dimethyl phthalate	131-11-3	~	~	0.0941	U
Di-n-butyl phthalate	84-74-2	~	~	0.0941	U
Di-n-octyl phthalate	117-84-0	~	~	0.0941	U
Fluoranthene	206-44-0	100	1000	0.0941	U
Fluorene	86-73-7	30	386	0.0941	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0941	U
Hexachlorobutadiene	87-68-3	~	~	0.0941	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0941	U
Hexachloroethane	67-72-1	~	~	0.0941	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0941	U
Isophorone	78-59-1	~	~	0.0941	U
Naphthalene	91-20-3	12	12	0.0941	U
Nitrobenzene	98-95-3	~	~	0.0941	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0941	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0941	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0941	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0941	U
Phenanthrene	85-01-8	100	1000	0.0941	U
Phenol	108-95-2	0.33	0.33	0.0941	U
Pyrene	129-00-0	100	1000	0.0941	U
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00186	U
4,4'-DDE	72-55-9	0.0033	17	0.00186	U
4,4'-DDT	50-29-3	0.0033	136	**0.00681**	D
Aldrin	309-00-2	0.005	0.19	0.00186	U
alpha-BHC	319-84-6	0.02	0.02	0.00186	U
beta-BHC	319-85-7	0.036	0.09	0.00186	U
Chlordane, total	57-74-9	~	~	0.00372	U
delta-BHC	319-86-8	0.04	0.25	0.00186	U
Dieldrin	60-57-1	0.005	0.1	0.00186	U
Endosulfan I	959-98-8	2.4	102	0.00186	U
Endosulfan II	33213-65-9	2.4	102	0.00186	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00186	U
Endrin	72-20-8	0.014	0.06	0.00186	U
Endrin aldehyde	7421-93-4	~	~	0.00186	U
Endrin ketone	53494-70-5	~	~	0.00186	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00186	U
Heptachlor	76-44-8	0.042	0.38	0.00186	U
Heptachlor epoxide	1024-57-3	~	~	0.00186	U
Methoxychlor	72-43-5	~	~	0.00931	U
Toxaphene	8001-35-2	~	~	0.0942	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	56.400	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	4,280	
Antimony	7440-36-0	~	~	0.923	
Arsenic	7440-38-2	13	16	1.130	U
Barium	7440-39-3	350	820	36.900	
Beryllium	7440-41-7	7.2	47	0.113	U
Cadmium	7440-43-9	2.5	7.5	0.339	U
Calcium	7440-70-2	~	~	2,080	
Chromium	7440-47-3	~	~	9.180	
Cobalt	7440-48-4	~	~	6.100	
Copper	7440-50-8	50	1720	11	
Iron	7439-89-6	~	~	8,880	
Lead	7439-92-1	63	450	6.600	
Magnesium	7439-95-4	~	~	3,000	
Manganese	7439-96-5	1600	2000	300	
Nickel	7440-02-0	30	130	26	B
Potassium	7440-09-7	~	~	1,230	
Selenium	7782-49-2	3.9	4	1.130	U
Silver	7440-22-4	2	8.3	0.564	U
Sodium	7440-23-5	~	~	188	

Thallium	7440-28-0	~	~	1.130	U
Vanadium	7440-62-2	~	~	11.300	
Zinc	7440-66-6	109	2480	25.500	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0339	U
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.564	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.564	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	410	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.430	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	88.600	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0188	U
Aroclor 1221	11104-28-2	~	~	0.0188	U
Aroclor 1232	11141-16-5	~	~	0.0188	U
Aroclor 1242	53469-21-9	~	~	0.0188	U
Aroclor 1248	12672-29-6	~	~	0.0188	U
Aroclor 1254	11097-69-1	~	~	0.0188	U
Aroclor 1260	11096-82-5	~	~	0.0188	U
Total PCBs	1336-36-3	0.1	3.2	0.0188	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S7 18I0434-01 9/11/2018 10:20:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00490	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00490	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00490	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00490	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00490	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00490	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00490	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00490	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00490	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00490	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00490	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00490	U
1,2-Dibromoethane	106-93-4	~	~	0.00490	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00490	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00490	U
1,2-Dichloropropane	78-87-5	~	~	0.00490	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00490	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00490	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00490	U
1,4-Dioxane	123-91-1	0.1	0.1	0.0980	U
2-Butanone	78-93-3	0.12	0.12	0.00490	U
2-Hexanone	591-78-6	~	~	0.00490	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00490	U
Acetone	67-64-1	0.05	0.05	0.00980	U
Acrolein	107-02-8	~	~	0.00980	U
Acrylonitrile	107-13-1	~	~	0.00490	U
Benzene	71-43-2	0.06	0.06	0.00490	U
Bromochloromethane	74-97-5	~	~	0.00490	U
Bromodichloromethane	75-27-4	~	~	0.00490	U
Bromoform	75-25-2	~	~	0.00490	U
Bromomethane	74-83-9	~	~	0.00490	U
Carbon disulfide	75-15-0	~	~	0.00490	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00490	U
Chlorobenzene	108-90-7	1.1	1.1	0.00490	U
Chloroethane	75-00-3	~	~	0.00490	U
Chloroform	67-66-3	0.37	0.37	0.00490	U
Chloromethane	74-87-3	~	~	0.00490	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00490	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00490	U
Cyclohexane	110-82-7	~	~	0.00490	U
Dibromochloromethane	124-48-1	~	~	0.00490	U
Dibromomethane	74-95-3	~	~	0.00490	U
Dichlorodifluoromethane	75-71-8	~	~	0.00490	U
Ethyl Benzene	100-41-4	1	1	0.00490	U
Hexachlorobutadiene	87-68-3	~	~	0.00490	U
Isopropylbenzene	98-82-8	~	~	0.00490	U
Methyl acetate	79-20-9	~	~	0.00490	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00490	U
Methylcyclohexane	108-87-2	~	~	0.00490	U
Methylene chloride	75-09-2	0.05	0.05	0.00980	U
n-Butylbenzene	104-51-8	12	12	0.00490	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00490	U
o-Xylene	95-47-6	~	~	0.00490	U
p- & m- Xylenes	179601-23-1	~	~	0.00980	U
p-Isopropyltoluene	99-87-6	~	~	0.00490	U
sec-Butylbenzene	135-98-8	11	11	0.00490	U
Styrene	100-42-5	~	~	0.00490	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00490	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00490	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00490	U
Toluene	108-88-3	0.7	0.7	0.00490	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00490	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00490	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00490	U
Trichloroethylene	79-01-6	0.47	0.47	0.00490	U
Trichlorofluoromethane	75-69-4	~	~	0.00490	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00490	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0150	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0931	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.186	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0931	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0931	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0931	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0931	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0931	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.186	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0931	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0931	U
2,4-Dichlorophenol	120-83-2	~	~	0.0931	U
2,4-Dimethylphenol	105-67-9	~	~	0.0931	U
2,4-Dinitrophenol	51-28-5	~	~	0.186	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0931	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0931	U
2-Chloronaphthalene	91-58-7	~	~	0.0931	U
2-Chlorophenol	95-57-8	~	~	0.0931	U
2-Methylnaphthalene	91-57-6	~	~	0.0931	U
2-Methylphenol	95-48-7	0.33	0.33	0.0931	U
2-Nitroaniline	88-74-4	~	~	0.186	U
2-Nitrophenol	88-75-5	~	~	0.0931	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0931	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0931	U

3-Nitroaniline	99-09-2	~	~	0.186	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.186	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0931	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0931	U
4-Chloroaniline	106-47-8	~	~	0.0931	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0931	U
4-Nitroaniline	100-01-6	~	~	0.186	U
4-Nitrophenol	100-02-7	~	~	0.186	U
Acenaphthene	83-32-9	20	98	0.0931	U
Acenaphthylene	208-96-8	100	107	0.0931	U
Acetophenone	98-86-2	~	~	0.0931	U
Aniline	62-53-3	~	~	0.373	U
Anthracene	120-12-7	100	1000	0.0931	U
Atrazine	1912-24-9	~	~	0.0931	U
Benzaldehyde	100-52-7	~	~	0.0931	U
Benzidine	92-87-5	~	~	0.373	U
Benzo(a)anthracene	56-55-3	1	1	0.0931	U
Benzo(a)pyrene	50-32-8	1	22	0.0931	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0931	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0931	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0931	U
Benzoic acid	65-85-0	~	~	0.0931	U
Benzyl alcohol	100-51-6	~	~	0.0931	U
Benzyl butyl phthalate	85-68-7	~	~	0.0931	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0931	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0931	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0931	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0931	U
Caprolactam	105-60-2	~	~	0.186	U
Carbazole	86-74-8	~	~	0.0931	U
Chrysene	218-01-9	1	1	0.100	D
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0931	U
Dibenzofuran	132-64-9	7	210	0.0931	U
Diethyl phthalate	84-66-2	~	~	0.0931	U
Dimethyl phthalate	131-11-3	~	~	0.0931	U
Di-n-butyl phthalate	84-74-2	~	~	0.0931	U
Di-n-octyl phthalate	117-84-0	~	~	0.0931	U
Fluoranthene	206-44-0	100	1000	0.253	D
Fluorene	86-73-7	30	386	0.0931	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0931	U
Hexachlorobutadiene	87-68-3	~	~	0.0931	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0931	U
Hexachloroethane	67-72-1	~	~	0.0931	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0931	U
Isophorone	78-59-1	~	~	0.0931	U
Naphthalene	91-20-3	12	12	0.0931	U
Nitrobenzene	98-95-3	~	~	0.0931	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0931	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0931	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0931	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0931	U
Phenanthrene	85-01-8	100	1000	0.176	D
Phenol	108-95-2	0.33	0.33	0.0931	U
Pyrene	129-00-0	100	1000	0.191	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00185	U
4,4'-DDE	72-55-9	0.0033	17	0.00185	U
4,4'-DDT	50-29-3	0.0033	136	**0.0158**	D
Aldrin	309-00-2	0.005	0.19	0.00185	U
alpha-BHC	319-84-6	0.02	0.02	0.00185	U
beta-BHC	319-85-7	0.036	0.09	0.00185	U
Chlordane, total	57-74-9	~	~	0.00370	U
delta-BHC	319-86-8	0.04	0.25	0.00185	U
Dieldrin	60-57-1	0.005	0.1	0.00185	U
Endosulfan I	959-98-8	2.4	102	0.00185	U
Endosulfan II	33213-65-9	2.4	102	0.00185	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00185	U
Endrin	72-20-8	0.014	0.06	0.00185	U
Endrin aldehyde	7421-93-4	~	~	0.00185	U
Endrin ketone	53494-70-5	~	~	0.00185	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00185	U
Heptachlor	76-44-8	0.042	0.38	0.00185	U
Heptachlor epoxide	1024-57-3	~	~	0.00185	U
Methoxychlor	72-43-5	~	~	0.00924	U
Toxaphene	8001-35-2	~	~	0.0935	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	54.900	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	3,940	
Antimony	7440-36-0	~	~	0.718	
Arsenic	7440-38-2	13	16	1.120	U
Barium	7440-39-3	350	820	47.700	
Beryllium	7440-41-7	7.2	47	0.112	U
Cadmium	7440-43-9	2.5	7.5	0.336	U
Calcium	7440-70-2	~	~	2,850	
Chromium	7440-47-3	~	~	9.260	
Cobalt	7440-48-4	~	~	5.040	
Copper	7440-50-8	50	1720	9.820	
Iron	7439-89-6	~	~	8,300	
Lead	7439-92-1	63	450	12.600	
Magnesium	7439-95-4	~	~	2,810	
Manganese	7439-96-5	1600	2000	225	
Nickel	7440-02-0	30	130	22.800	B
Potassium	7440-09-7	~	~	978	
Selenium	7782-49-2	3.9	4	1.120	U
Silver	7440-22-4	2	8.3	0.560	U
Sodium	7440-23-5	~	~	170	

Thallium	7440-28-0	~	~	1.120	U
Vanadium	7440-62-2	~	~	10.600	
Zinc	7440-66-6	109	2480	29.900	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0336	U
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.560	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.560	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	380	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.390	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	89.300	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0187	U
Aroclor 1221	11104-28-2	~	~	0.0187	U
Aroclor 1232	11141-16-5	~	~	0.0187	U
Aroclor 1242	53469-21-9	~	~	0.0187	U
Aroclor 1248	12672-29-6	~	~	0.0187	U
Aroclor 1254	11097-69-1	~	~	0.0187	U
Aroclor 1260	11096-82-5	~	~	0.0187	U
Total PCBs	1336-36-3	0.1	3.2	0.0187	U

NOTES:
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Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S8 18I0439-01 9/11/2018 10:25:00 AM Soil	
Compound	**CAS Number**	mg/Kg	mg/Kg	Result	Q
Volatile Organics, 8260 - Comprehensive				mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00530	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00530	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00530	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00530	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00530	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00530	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00530	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00530	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00530	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00530	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00530	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00530	U
1,2-Dibromoethane	106-93-4	~	~	0.00530	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00530	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00530	U
1,2-Dichloropropane	78-87-5	~	~	0.00530	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00530	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00530	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00530	U
1,4-Dioxane	123-91-1	0.1	0.1	**0.110**	U
2-Butanone	78-93-3	0.12	0.12	0.00530	U
2-Hexanone	591-78-6	~	~	0.00530	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00530	U
Acetone	67-64-1	0.05	0.05	0.0110	U
Acrolein	107-02-8	~	~	0.0110	U
Acrylonitrile	107-13-1	~	~	0.00530	U
Benzene	71-43-2	0.06	0.06	0.00530	U
Bromochloromethane	74-97-5	~	~	0.00530	U
Bromodichloromethane	75-27-4	~	~	0.00530	U
Bromoform	75-25-2	~	~	0.00530	U
Bromomethane	74-83-9	~	~	0.00530	U
Carbon disulfide	75-15-0	~	~	0.00530	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00530	U
Chlorobenzene	108-90-7	1.1	1.1	0.00530	U
Chloroethane	75-00-3	~	~	0.00530	U
Chloroform	67-66-3	0.37	0.37	0.00530	U
Chloromethane	74-87-3	~	~	0.00530	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00530	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00530	U
Cyclohexane	110-82-7	~	~	0.00530	U
Dibromochloromethane	124-48-1	~	~	0.00530	U
Dibromomethane	74-95-3	~	~	0.00530	U
Dichlorodifluoromethane	75-71-8	~	~	0.00530	U
Ethyl Benzene	100-41-4	1	1	0.00530	U
Hexachlorobutadiene	87-68-3	~	~	0.00530	U
Isopropylbenzene	98-82-8	~	~	0.00530	U
Methyl acetate	79-20-9	~	~	0.00530	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00530	U
Methylcyclohexane	108-87-2	~	~	0.00530	U
Methylene chloride	75-09-2	0.05	0.05	0.0110	U
n-Butylbenzene	104-51-8	12	12	0.00530	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00530	U
o-Xylene	95-47-6	~	~	0.00530	U
p- & m- Xylenes	179601-23-1	~	~	0.0110	U
p-Isopropyltoluene	99-87-6	~	~	0.00530	U
sec-Butylbenzene	135-98-8	11	11	0.00530	U
Styrene	100-42-5	~	~	0.00530	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00530	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00530	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00530	U
Toluene	108-88-3	0.7	0.7	0.00530	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00530	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00530	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00530	U
Trichloroethylene	79-01-6	0.47	0.47	0.00530	U
Trichlorofluoromethane	75-69-4	~	~	0.00530	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00530	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0160	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.101	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.202	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.101	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.101	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.101	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.101	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.101	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.202	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.101	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.101	U
2,4-Dichlorophenol	120-83-2	~	~	0.101	U
2,4-Dimethylphenol	105-67-9	~	~	0.101	U
2,4-Dinitrophenol	51-28-5	~	~	0.202	U
2,4-Dinitrotoluene	121-14-2	~	~	0.101	U
2,6-Dinitrotoluene	606-20-2	~	~	0.101	U
2-Chloronaphthalene	91-58-7	~	~	0.101	U
2-Chlorophenol	95-57-8	~	~	0.101	U
2-Methylnaphthalene	91-57-6	~	~	0.101	U
2-Methylphenol	95-48-7	0.33	0.33	0.101	U
2-Nitroaniline	88-74-4	~	~	0.202	U
2-Nitrophenol	88-75-5	~	~	0.101	U
3- & 4-Methylphenols	65794-96-9	~	~	0.101	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.101	U

3-Nitroaniline	99-09-2	~	~	0.202	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.202	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.101	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.101	U
4-Chloroaniline	106-47-8	~	~	0.101	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.101	U
4-Nitroaniline	100-01-6	~	~	0.202	U
4-Nitrophenol	100-02-7	~	~	0.202	U
Acenaphthene	83-32-9	20	98	0.101	U
Acenaphthylene	208-96-8	100	107	0.101	U
Acetophenone	98-86-2	~	~	0.101	U
Aniline	62-53-3	~	~	0.404	U
Anthracene	120-12-7	100	1000	0.101	U
Atrazine	1912-24-9	~	~	0.101	U
Benzaldehyde	100-52-7	~	~	0.101	U
Benzidine	92-87-5	~	~	0.404	U
Benzo(a)anthracene	56-55-3	1	1	0.101	U
Benzo(a)pyrene	50-32-8	1	22	0.101	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.101	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.101	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.101	U
Benzoic acid	65-85-0	~	~	0.101	U
Benzyl alcohol	100-51-6	~	~	0.101	U
Benzyl butyl phthalate	85-68-7	~	~	0.101	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.101	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.101	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.101	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.101	U
Caprolactam	105-60-2	~	~	0.202	U
Carbazole	86-74-8	~	~	0.101	U
Chrysene	218-01-9	1	1	0.101	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.101	U
Dibenzofuran	132-64-9	7	210	0.101	U
Diethyl phthalate	84-66-2	~	~	0.101	U
Dimethyl phthalate	131-11-3	~	~	0.101	U
Di-n-butyl phthalate	84-74-2	~	~	0.101	U
Di-n-octyl phthalate	117-84-0	~	~	0.101	U
Fluoranthene	206-44-0	100	1000	0.101	U
Fluorene	86-73-7	30	386	0.101	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.101	U
Hexachlorobutadiene	87-68-3	~	~	0.101	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.101	U
Hexachloroethane	67-72-1	~	~	0.101	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.101	U
Isophorone	78-59-1	~	~	0.101	U
Naphthalene	91-20-3	12	12	0.101	U
Nitrobenzene	98-95-3	~	~	0.101	U
N-Nitrosodimethylamine	62-75-9	~	~	0.101	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.101	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.101	U
Pentachlorophenol	87-86-5	0.8	0.8	0.101	U
Phenanthrene	85-01-8	100	1000	0.101	U
Phenol	108-95-2	0.33	0.33	0.101	U
Pyrene	129-00-0	100	1000	0.101	U
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00200	U
4,4'-DDE	72-55-9	0.0033	17	0.00200	U
4,4'-DDT	50-29-3	0.0033	136	**0.00401**	D
Aldrin	309-00-2	0.005	0.19	0.00200	U
alpha-BHC	319-84-6	0.02	0.02	0.00200	U
beta-BHC	319-85-7	0.036	0.09	0.00200	U
Chlordane, total	57-74-9	~	~	0.00401	U
delta-BHC	319-86-8	0.04	0.25	0.00200	U
Dieldrin	60-57-1	0.005	0.1	0.00200	U
Endosulfan I	959-98-8	2.4	102	0.00200	U
Endosulfan II	33213-65-9	2.4	102	0.00200	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00200	U
Endrin	72-20-8	0.014	0.06	0.00200	U
Endrin aldehyde	7421-93-4	~	~	0.00200	U
Endrin ketone	53494-70-5	~	~	0.00200	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00200	U
Heptachlor	76-44-8	0.042	0.38	0.00200	U
Heptachlor epoxide	1024-57-3	~	~	0.00200	U
Methoxychlor	72-43-5	~	~	0.0100	U
Toxaphene	8001-35-2	~	~	0.101	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	59.500	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	6,220	
Antimony	7440-36-0	~	~	1.110	
Arsenic	7440-38-2	13	16	1.290	
Barium	7440-39-3	350	820	49.500	
Beryllium	7440-41-7	7.2	47	0.121	U
Cadmium	7440-43-9	2.5	7.5	0.364	U
Calcium	7440-70-2	~	~	2,180	
Chromium	7440-47-3	~	~	12.200	
Cobalt	7440-48-4	~	~	6.260	
Copper	7440-50-8	50	1720	12.900	
Iron	7439-89-6	~	~	11,700	
Lead	7439-92-1	63	450	15.700	
Magnesium	7439-95-4	~	~	2,640	
Manganese	7439-96-5	1600	2000	281	
Nickel	7440-02-0	30	130	21.300	B
Potassium	7440-09-7	~	~	1,270	
Selenium	7782-49-2	3.9	4	1.210	U
Silver	7440-22-4	2	8.3	0.607	U
Sodium	7440-23-5	~	~	196	

Thallium	7440-28-0	~	~	1.210	U
Vanadium	7440-62-2	~	~	18.300	
Zinc	7440-66-6	109	2480	34.500	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.108	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.607	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.607	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	370	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.270	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	82.400	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0202	U
Aroclor 1221	11104-28-2	~	~	0.0202	U
Aroclor 1232	11141-16-5	~	~	0.0202	U
Aroclor 1242	53469-21-9	~	~	0.0202	U
Aroclor 1248	12672-29-6	~	~	0.0202	U
Aroclor 1254	11097-69-1	~	~	0.0202	U
Aroclor 1260	11096-82-5	~	~	0.0202	U
Total PCBs	1336-36-3	0.1	3.2	0.0202	U

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B=analyte found in the analysis batch blank
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P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S9 18I0441-01 9/11/2018 10:30:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00470	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00470	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00470	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00470	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00470	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00470	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00470	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00470	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00470	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00470	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00470	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00470	U
1,2-Dibromoethane	106-93-4	~	~	0.00470	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00470	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00470	U
1,2-Dichloropropane	78-87-5	~	~	0.00470	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00470	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00470	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00470	U
1,4-Dioxane	123-91-1	0.1	0.1	0.0950	U
2-Butanone	78-93-3	0.12	0.12	0.00470	U
2-Hexanone	591-78-6	~	~	0.00470	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00470	U
Acetone	67-64-1	0.05	0.05	0.00950	U
Acrolein	107-02-8	~	~	0.00950	U
Acrylonitrile	107-13-1	~	~	0.00470	U
Benzene	71-43-2	0.06	0.06	0.00470	U
Bromochloromethane	74-97-5	~	~	0.00470	U
Bromodichloromethane	75-27-4	~	~	0.00470	U
Bromoform	75-25-2	~	~	0.00470	U
Bromomethane	74-83-9	~	~	0.00470	U
Carbon disulfide	75-15-0	~	~	0.00470	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00470	U
Chlorobenzene	108-90-7	1.1	1.1	0.00470	U
Chloroethane	75-00-3	~	~	0.00470	U
Chloroform	67-66-3	0.37	0.37	0.00470	U
Chloromethane	74-87-3	~	~	0.00470	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00470	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00470	U
Cyclohexane	110-82-7	~	~	0.00470	U
Dibromochloromethane	124-48-1	~	~	0.00470	U
Dibromomethane	74-95-3	~	~	0.00470	U
Dichlorodifluoromethane	75-71-8	~	~	0.00470	U
Ethyl Benzene	100-41-4	1	1	0.00470	U
Hexachlorobutadiene	87-68-3	~	~	0.00470	U
Isopropylbenzene	98-82-8	~	~	0.00470	U
Methyl acetate	79-20-9	~	~	0.00470	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00470	U
Methylcyclohexane	108-87-2	~	~	0.00470	U
Methylene chloride	75-09-2	0.05	0.05	0.00950	U
n-Butylbenzene	104-51-8	12	12	0.00470	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00470	U
o-Xylene	95-47-6	~	~	0.00470	U
p- & m- Xylenes	179601-23-1	~	~	0.00950	U
p-Isopropyltoluene	99-87-6	~	~	0.00470	U
sec-Butylbenzene	135-98-8	11	11	0.00470	U
Styrene	100-42-5	~	~	0.00470	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00470	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00470	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00470	U
Toluene	108-88-3	0.7	0.7	0.00470	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00470	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00470	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00470	U
Trichloroethylene	79-01-6	0.47	0.47	0.00470	U
Trichlorofluoromethane	75-69-4	~	~	0.00470	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00470	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0140	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0945	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.189	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0945	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0945	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0945	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0945	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0945	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.189	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0945	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0945	U
2,4-Dichlorophenol	120-83-2	~	~	0.0945	U
2,4-Dimethylphenol	105-67-9	~	~	0.0945	U
2,4-Dinitrophenol	51-28-5	~	~	0.189	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0945	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0945	U
2-Chloronaphthalene	91-58-7	~	~	0.0945	U
2-Chlorophenol	95-57-8	~	~	0.0945	U
2-Methylnaphthalene	91-57-6	~	~	0.0945	U
2-Methylphenol	95-48-7	0.33	0.33	0.0945	U
2-Nitroaniline	88-74-4	~	~	0.189	U
2-Nitrophenol	88-75-5	~	~	0.0945	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0945	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0945	U

3-Nitroaniline	99-09-2	~	~	0.189	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.189	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0945	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0945	U
4-Chloroaniline	106-47-8	~	~	0.0945	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0945	U
4-Nitroaniline	100-01-6	~	~	0.189	U
4-Nitrophenol	100-02-7	~	~	0.189	U
Acenaphthene	83-32-9	20	98	0.0945	U
Acenaphthylene	208-96-8	100	107	0.0945	U
Acetophenone	98-86-2	~	~	0.0945	U
Aniline	62-53-3	~	~	0.378	U
Anthracene	120-12-7	100	1000	0.0945	U
Atrazine	1912-24-9	~	~	0.0945	U
Benzaldehyde	100-52-7	~	~	0.0945	U
Benzidine	92-87-5	~	~	0.378	U
Benzo(a)anthracene	56-55-3	1	1	0.0945	U
Benzo(a)pyrene	50-32-8	1	22	0.0945	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0945	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0945	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0945	U
Benzoic acid	65-85-0	~	~	0.0945	U
Benzyl alcohol	100-51-6	~	~	0.0945	U
Benzyl butyl phthalate	85-68-7	~	~	0.0945	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0945	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0945	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0945	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0945	U
Caprolactam	105-60-2	~	~	0.189	U
Carbazole	86-74-8	~	~	0.0945	U
Chrysene	218-01-9	1	1	0.0945	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0945	U
Dibenzofuran	132-64-9	7	210	0.0945	U
Diethyl phthalate	84-66-2	~	~	0.0945	U
Dimethyl phthalate	131-11-3	~	~	0.0945	U
Di-n-butyl phthalate	84-74-2	~	~	0.0945	U
Di-n-octyl phthalate	117-84-0	~	~	0.0945	U
Fluoranthene	206-44-0	100	1000	0.224	D
Fluorene	86-73-7	30	386	0.0945	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0945	U
Hexachlorobutadiene	87-68-3	~	~	0.0945	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0945	U
Hexachloroethane	67-72-1	~	~	0.0945	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0945	U
Isophorone	78-59-1	~	~	0.0945	U
Naphthalene	91-20-3	12	12	0.0945	U
Nitrobenzene	98-95-3	~	~	0.0945	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0945	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0945	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0945	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0945	U
Phenanthrene	85-01-8	100	1000	0.140	D
Phenol	108-95-2	0.33	0.33	0.0945	U
Pyrene	129-00-0	100	1000	0.174	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00187	U
4,4'-DDE	72-55-9	0.0033	17	0.00187	U
4,4'-DDT	50-29-3	0.0033	136	**0.0113**	D
Aldrin	309-00-2	0.005	0.19	0.00187	U
alpha-BHC	319-84-6	0.02	0.02	0.00187	U
beta-BHC	319-85-7	0.036	0.09	0.00187	U
Chlordane, total	57-74-9	~	~	0.00374	U
delta-BHC	319-86-8	0.04	0.25	0.00187	U
Dieldrin	60-57-1	0.005	0.1	0.00187	U
Endosulfan I	959-98-8	2.4	102	0.00187	U
Endosulfan II	33213-65-9	2.4	102	0.00187	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00187	U
Endrin	72-20-8	0.014	0.06	0.00187	U
Endrin aldehyde	7421-93-4	~	~	0.00187	U
Endrin ketone	53494-70-5	~	~	0.00187	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00187	U
Heptachlor	76-44-8	0.042	0.38	0.00187	U
Heptachlor epoxide	1024-57-3	~	~	0.00187	U
Methoxychlor	72-43-5	~	~	0.00935	U
Toxaphene	8001-35-2	~	~	0.0946	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	56.600	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	6,330	
Antimony	7440-36-0	~	~	0.838	
Arsenic	7440-38-2	13	16	1.130	U
Barium	7440-39-3	350	820	59	
Beryllium	7440-41-7	7.2	47	0.113	U
Cadmium	7440-43-9	2.5	7.5	0.340	U
Calcium	7440-70-2	~	~	2,320	
Chromium	7440-47-3	~	~	12.500	
Cobalt	7440-48-4	~	~	6.830	
Copper	7440-50-8	50	1720	17.800	
Iron	7439-89-6	~	~	12,100	
Lead	7439-92-1	63	450	57.700	
Magnesium	7439-95-4	~	~	2,580	
Manganese	7439-96-5	1600	2000	280	
Nickel	7440-02-0	30	130	20.200	B
Potassium	7440-09-7	~	~	1,440	
Selenium	7782-49-2	3.9	4	1.130	U
Silver	7440-22-4	2	8.3	0.566	U
Sodium	7440-23-5	~	~	195	

Thallium	7440-28-0	~	~	1.130	U
Vanadium	7440-62-2	~	~	15.800	
Zinc	7440-66-6	109	2480	59.500	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.163	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.566	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.566	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	360	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.170	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	88.300	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0189	U
Aroclor 1221	11104-28-2	~	~	0.0189	U
Aroclor 1232	11141-16-5	~	~	0.0189	U
Aroclor 1242	53469-21-9	~	~	0.0189	U
Aroclor 1248	12672-29-6	~	~	0.0189	U
Aroclor 1254	11097-69-1	~	~	0.0189	U
Aroclor 1260	11096-82-5	~	~	0.0189	U
Total PCBs	1336-36-3	0.1	3.2	0.0189	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S10 18I0443-01 9/11/2018 10:35:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00500	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00500	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00500	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00500	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00500	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00500	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00500	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00500	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00500	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00500	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00500	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00500	U
1,2-Dibromoethane	106-93-4	~	~	0.00500	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00500	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00500	U
1,2-Dichloropropane	78-87-5	~	~	0.00500	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00500	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00500	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00500	U
1,4-Dioxane	123-91-1	0.1	0.1	0.100	U
2-Butanone	78-93-3	0.12	0.12	0.00500	U
2-Hexanone	591-78-6	~	~	0.00500	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00500	U
Acetone	67-64-1	0.05	0.05	0.0100	U
Acrolein	107-02-8	~	~	0.0100	U
Acrylonitrile	107-13-1	~	~	0.00500	U
Benzene	71-43-2	0.06	0.06	0.00500	U
Bromochloromethane	74-97-5	~	~	0.00500	U
Bromodichloromethane	75-27-4	~	~	0.00500	U
Bromoform	75-25-2	~	~	0.00500	U
Bromomethane	74-83-9	~	~	0.00500	U
Carbon disulfide	75-15-0	~	~	0.00500	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00500	U
Chlorobenzene	108-90-7	1.1	1.1	0.00500	U
Chloroethane	75-00-3	~	~	0.00500	U
Chloroform	67-66-3	0.37	0.37	0.00500	U
Chloromethane	74-87-3	~	~	0.00500	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00500	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00500	U
Cyclohexane	110-82-7	~	~	0.00500	U
Dibromochloromethane	124-48-1	~	~	0.00500	U
Dibromomethane	74-95-3	~	~	0.00500	U
Dichlorodifluoromethane	75-71-8	~	~	0.00500	U
Ethyl Benzene	100-41-4	1	1	0.00500	U
Hexachlorobutadiene	87-68-3	~	~	0.00500	U
Isopropylbenzene	98-82-8	~	~	0.00500	U
Methyl acetate	79-20-9	~	~	0.00500	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00500	U
Methylcyclohexane	108-87-2	~	~	0.00500	U
Methylene chloride	75-09-2	0.05	0.05	0.0100	U
n-Butylbenzene	104-51-8	12	12	0.00500	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00500	U
o-Xylene	95-47-6	~	~	0.00500	U
p- & m- Xylenes	179601-23-1	~	~	0.0100	U
p-Isopropyltoluene	99-87-6	~	~	0.00500	U
sec-Butylbenzene	135-98-8	11	11	0.00500	U
Styrene	100-42-5	~	~	0.00500	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00500	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00500	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00500	U
Toluene	108-88-3	0.7	0.7	0.00500	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00500	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00500	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00500	U
Trichloroethylene	79-01-6	0.47	0.47	0.00500	U
Trichlorofluoromethane	75-69-4	~	~	0.00500	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00500	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0150	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0926	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.185	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0926	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0926	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0926	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0926	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0926	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.185	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0926	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0926	U
2,4-Dichlorophenol	120-83-2	~	~	0.0926	U
2,4-Dimethylphenol	105-67-9	~	~	0.0926	U
2,4-Dinitrophenol	51-28-5	~	~	0.185	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0926	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0926	U
2-Chloronaphthalene	91-58-7	~	~	0.0926	U
2-Chlorophenol	95-57-8	~	~	0.0926	U
2-Methylnaphthalene	91-57-6	~	~	0.0926	U
2-Methylphenol	95-48-7	0.33	0.33	0.0926	U
2-Nitroaniline	88-74-4	~	~	0.185	U
2-Nitrophenol	88-75-5	~	~	0.0926	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0926	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0926	U

3-Nitroaniline	99-09-2	~	~	0.185	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.185	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0926	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0926	U
4-Chloroaniline	106-47-8	~	~	0.0926	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0926	U
4-Nitroaniline	100-01-6	~	~	0.185	U
4-Nitrophenol	100-02-7	~	~	0.185	U
Acenaphthene	83-32-9	20	98	0.0926	U
Acenaphthylene	208-96-8	100	107	0.0926	U
Acetophenone	98-86-2	~	~	0.0926	U
Aniline	62-53-3	~	~	0.371	U
Anthracene	120-12-7	100	1000	0.0926	U
Atrazine	1912-24-9	~	~	0.0926	U
Benzaldehyde	100-52-7	~	~	0.0926	U
Benzidine	92-87-5	~	~	0.371	U
Benzo(a)anthracene	56-55-3	1	1	0.0948	D
Benzo(a)pyrene	50-32-8	1	22	0.0926	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0926	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0926	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0926	U
Benzoic acid	65-85-0	~	~	0.0926	U
Benzyl alcohol	100-51-6	~	~	0.0926	U
Benzyl butyl phthalate	85-68-7	~	~	1.140	D
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0926	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0926	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0926	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0926	U
Caprolactam	105-60-2	~	~	0.185	U
Carbazole	86-74-8	~	~	0.0926	U
Chrysene	218-01-9	1	1	0.0926	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0926	U
Dibenzofuran	132-64-9	7	210	0.0926	U
Diethyl phthalate	84-66-2	~	~	0.0926	U
Dimethyl phthalate	131-11-3	~	~	0.0926	U
Di-n-butyl phthalate	84-74-2	~	~	0.0926	U
Di-n-octyl phthalate	117-84-0	~	~	0.0926	U
Fluoranthene	206-44-0	100	1000	0.201	D
Fluorene	86-73-7	30	386	0.0926	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0926	U
Hexachlorobutadiene	87-68-3	~	~	0.0926	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0926	U
Hexachloroethane	67-72-1	~	~	0.0926	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0926	U
Isophorone	78-59-1	~	~	0.0926	U
Naphthalene	91-20-3	12	12	0.0926	U
Nitrobenzene	98-95-3	~	~	0.0926	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0926	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0926	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0926	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0926	U
Phenanthrene	85-01-8	100	1000	0.170	D
Phenol	108-95-2	0.33	0.33	0.0926	U
Pyrene	129-00-0	100	1000	0.192	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00184	U
4,4'-DDE	72-55-9	0.0033	17	0.00184	U
4,4'-DDT	50-29-3	0.0033	136	**0.00818**	D
Aldrin	309-00-2	0.005	0.19	0.00184	U
alpha-BHC	319-84-6	0.02	0.02	0.00184	U
beta-BHC	319-85-7	0.036	0.09	0.00184	U
Chlordane, total	57-74-9	~	~	0.00368	U
delta-BHC	319-86-8	0.04	0.25	0.00184	U
Dieldrin	60-57-1	0.005	0.1	0.00184	U
Endosulfan I	959-98-8	2.4	102	0.00184	U
Endosulfan II	33213-65-9	2.4	102	0.00184	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00184	U
Endrin	72-20-8	0.014	0.06	0.00184	U
Endrin aldehyde	7421-93-4	~	~	0.00184	U
Endrin ketone	53494-70-5	~	~	0.00184	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00184	U
Heptachlor	76-44-8	0.042	0.38	0.00184	U
Heptachlor epoxide	1024-57-3	~	~	0.00184	U
Methoxychlor	72-43-5	~	~	0.00919	U
Toxaphene	8001-35-2	~	~	0.0930	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	54.600	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	5,740	
Antimony	7440-36-0	~	~	0.557	U
Arsenic	7440-38-2	13	16	1.110	U
Barium	7440-39-3	350	820	57.300	
Beryllium	7440-41-7	7.2	47	0.111	U
Cadmium	7440-43-9	2.5	7.5	0.334	U
Calcium	7440-70-2	~	~	2,740	
Chromium	7440-47-3	~	~	12.300	
Cobalt	7440-48-4	~	~	6.430	
Copper	7440-50-8	50	1720	16.600	
Iron	7439-89-6	~	~	12,300	
Lead	7439-92-1	63	450	51.300	
Magnesium	7439-95-4	~	~	2,520	
Manganese	7439-96-5	1600	2000	269	
Nickel	7440-02-0	30	130	20.900	B
Potassium	7440-09-7	~	~	1,470	
Selenium	7782-49-2	3.9	4	1.110	U
Silver	7440-22-4	2	8.3	0.557	U
Sodium	7440-23-5	~	~	151	

Thallium	7440-28-0	~	~	1.110	U
Vanadium	7440-62-2	~	~	15.900	
Zinc	7440-66-6	109	2480	62.200	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.111	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.557	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.557	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	340	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.060	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	89.700	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0186	U
Aroclor 1221	11104-28-2	~	~	0.0186	U
Aroclor 1232	11141-16-5	~	~	0.0186	U
Aroclor 1242	53469-21-9	~	~	0.0186	U
Aroclor 1248	12672-29-6	~	~	0.0186	U
Aroclor 1254	11097-69-1	~	~	0.0186	U
Aroclor 1260	11096-82-5	~	~	0.0186	U
Total PCBs	1336-36-3	0.1	3.2	0.0186	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S11 18I0446-01 9/11/2018 10:40:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00510	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00510	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00510	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00510	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00510	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00510	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00510	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00510	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00510	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00510	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00510	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00510	U
1,2-Dibromoethane	106-93-4	~	~	0.00510	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00510	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00510	U
1,2-Dichloropropane	78-87-5	~	~	0.00510	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00510	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00510	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00510	U
1,4-Dioxane	123-91-1	0.1	0.1	0.100	U
2-Butanone	78-93-3	0.12	0.12	0.00510	U
2-Hexanone	591-78-6	~	~	0.00510	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00510	U
Acetone	67-64-1	0.05	0.05	0.0100	U
Acrolein	107-02-8	~	~	0.0100	U
Acrylonitrile	107-13-1	~	~	0.00510	U
Benzene	71-43-2	0.06	0.06	0.00510	U
Bromochloromethane	74-97-5	~	~	0.00510	U
Bromodichloromethane	75-27-4	~	~	0.00510	U
Bromoform	75-25-2	~	~	0.00510	U
Bromomethane	74-83-9	~	~	0.00510	U
Carbon disulfide	75-15-0	~	~	0.00510	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00510	U
Chlorobenzene	108-90-7	1.1	1.1	0.00510	U
Chloroethane	75-00-3	~	~	0.00510	U
Chloroform	67-66-3	0.37	0.37	0.00510	U
Chloromethane	74-87-3	~	~	0.00510	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00510	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00510	U
Cyclohexane	110-82-7	~	~	0.00510	U
Dibromochloromethane	124-48-1	~	~	0.00510	U
Dibromomethane	74-95-3	~	~	0.00510	U
Dichlorodifluoromethane	75-71-8	~	~	0.00510	U
Ethyl Benzene	100-41-4	1	1	0.00510	U
Hexachlorobutadiene	87-68-3	~	~	0.00510	U
Isopropylbenzene	98-82-8	~	~	0.00510	U
Methyl acetate	79-20-9	~	~	0.00510	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00510	U
Methylcyclohexane	108-87-2	~	~	0.00510	U
Methylene chloride	75-09-2	0.05	0.05	0.0100	U
n-Butylbenzene	104-51-8	12	12	0.00510	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00510	U
o-Xylene	95-47-6	~	~	0.00510	U
p- & m- Xylenes	179601-23-1	~	~	0.0100	U
p-Isopropyltoluene	99-87-6	~	~	0.00510	U
sec-Butylbenzene	135-98-8	11	11	0.00510	U
Styrene	100-42-5	~	~	0.00510	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00510	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00510	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00510	U
Toluene	108-88-3	0.7	0.7	0.00510	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00510	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00510	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00510	U
Trichloroethylene	79-01-6	0.47	0.47	0.00510	U
Trichlorofluoromethane	75-69-4	~	~	0.00510	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00510	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0150	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0947	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.189	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0947	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0947	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0947	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0947	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0947	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.189	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0947	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0947	U
2,4-Dichlorophenol	120-83-2	~	~	0.0947	U
2,4-Dimethylphenol	105-67-9	~	~	0.0947	U
2,4-Dinitrophenol	51-28-5	~	~	0.189	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0947	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0947	U
2-Chloronaphthalene	91-58-7	~	~	0.0947	U
2-Chlorophenol	95-57-8	~	~	0.0947	U
2-Methylnaphthalene	91-57-6	~	~	0.0947	U
2-Methylphenol	95-48-7	0.33	0.33	0.0947	U
2-Nitroaniline	88-74-4	~	~	0.189	U
2-Nitrophenol	88-75-5	~	~	0.0947	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0947	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0947	U

3-Nitroaniline	99-09-2	~	~	0.189	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.189	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0947	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0947	U
4-Chloroaniline	106-47-8	~	~	0.0947	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0947	U
4-Nitroaniline	100-01-6	~	~	0.189	U
4-Nitrophenol	100-02-7	~	~	0.189	U
Acenaphthene	83-32-9	20	98	0.0947	U
Acenaphthylene	208-96-8	100	107	0.0947	U
Acetophenone	98-86-2	~	~	0.0947	U
Aniline	62-53-3	~	~	0.379	U
Anthracene	120-12-7	100	1000	0.0947	U
Atrazine	1912-24-9	~	~	0.0947	U
Benzaldehyde	100-52-7	~	~	0.0947	U
Benzidine	92-87-5	~	~	0.379	U
Benzo(a)anthracene	56-55-3	1	1	0.0947	U
Benzo(a)pyrene	50-32-8	1	22	0.0947	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0947	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0947	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0947	U
Benzoic acid	65-85-0	~	~	0.0947	U
Benzyl alcohol	100-51-6	~	~	0.0947	U
Benzyl butyl phthalate	85-68-7	~	~	0.0947	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0947	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0947	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0947	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0947	U
Caprolactam	105-60-2	~	~	0.189	U
Carbazole	86-74-8	~	~	0.0947	U
Chrysene	218-01-9	1	1	0.0947	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0947	U
Dibenzofuran	132-64-9	7	210	0.0947	U
Diethyl phthalate	84-66-2	~	~	0.0947	U
Dimethyl phthalate	131-11-3	~	~	0.0947	U
Di-n-butyl phthalate	84-74-2	~	~	0.0947	U
Di-n-octyl phthalate	117-84-0	~	~	0.0947	U
Fluoranthene	206-44-0	100	1000	0.0947	U
Fluorene	86-73-7	30	386	0.0947	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0947	U
Hexachlorobutadiene	87-68-3	~	~	0.0947	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0947	U
Hexachloroethane	67-72-1	~	~	0.0947	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0947	U
Isophorone	78-59-1	~	~	0.0947	U
Naphthalene	91-20-3	12	12	0.0947	U
Nitrobenzene	98-95-3	~	~	0.0947	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0947	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0947	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0947	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0947	U
Phenanthrene	85-01-8	100	1000	0.0947	U
Phenol	108-95-2	0.33	0.33	0.0947	U
Pyrene	129-00-0	100	1000	0.0947	U
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00187	U
4,4'-DDE	72-55-9	0.0033	17	0.00187	U
4,4'-DDT	50-29-3	0.0033	136	**0.00473**	D
Aldrin	309-00-2	0.005	0.19	0.00187	U
alpha-BHC	319-84-6	0.02	0.02	0.00187	U
beta-BHC	319-85-7	0.036	0.09	0.00187	U
Chlordane, total	57-74-9	~	~	0.00375	U
delta-BHC	319-86-8	0.04	0.25	0.00187	U
Dieldrin	60-57-1	0.005	0.1	0.00187	U
Endosulfan I	959-98-8	2.4	102	0.00187	U
Endosulfan II	33213-65-9	2.4	102	0.00187	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00187	U
Endrin	72-20-8	0.014	0.06	0.00187	U
Endrin aldehyde	7421-93-4	~	~	0.00187	U
Endrin ketone	53494-70-5	~	~	0.00187	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00187	U
Heptachlor	76-44-8	0.042	0.38	0.00187	U
Heptachlor epoxide	1024-57-3	~	~	0.00187	U
Methoxychlor	72-43-5	~	~	0.00936	U
Toxaphene	8001-35-2	~	~	0.0948	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	56.800	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	5,690	
Antimony	7440-36-0	~	~	1.290	
Arsenic	7440-38-2	13	16	1.140	U
Barium	7440-39-3	350	820	49.200	
Beryllium	7440-41-7	7.2	47	0.114	U
Cadmium	7440-43-9	2.5	7.5	0.341	U
Calcium	7440-70-2	~	~	2,180	
Chromium	7440-47-3	~	~	12.800	
Cobalt	7440-48-4	~	~	6.510	
Copper	7440-50-8	50	1720	13	
Iron	7439-89-6	~	~	11,700	
Lead	7439-92-1	63	450	16.300	
Magnesium	7439-95-4	~	~	2,680	
Manganese	7439-96-5	1600	2000	300	
Nickel	7440-02-0	30	130	24.900	B
Potassium	7440-09-7	~	~	1,400	
Selenium	7782-49-2	3.9	4	1.140	U
Silver	7440-22-4	2	8.3	0.568	U
Sodium	7440-23-5	~	~	182	

Thallium	7440-28-0	~	~	1.140	U
Vanadium	7440-62-2	~	~	15	
Zinc	7440-66-6	109	2480	33.300	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0439	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.568	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.568	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	330	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.130	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	88.100	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0189	U
Aroclor 1221	11104-28-2	~	~	0.0189	U
Aroclor 1232	11141-16-5	~	~	0.0189	U
Aroclor 1242	53469-21-9	~	~	0.0189	U
Aroclor 1248	12672-29-6	~	~	0.0189	U
Aroclor 1254	11097-69-1	~	~	0.0189	U
Aroclor 1260	11096-82-5	~	~	0.0189	U
Total PCBs	1336-36-3	0.1	3.2	0.0189	U

NOTES:
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Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
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NT=this indicates the analyte was not a target for this sample
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Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S12 18I0447-01 9/11/2018 10:45:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00480	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00480	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00480	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00480	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00480	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00480	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00480	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00480	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00480	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00480	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00480	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00480	U
1,2-Dibromoethane	106-93-4	~	~	0.00480	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00480	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00480	U
1,2-Dichloropropane	78-87-5	~	~	0.00480	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00480	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00480	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00480	U
1,4-Dioxane	123-91-1	0.1	0.1	0.0960	U
2-Butanone	78-93-3	0.12	0.12	0.00480	U
2-Hexanone	591-78-6	~	~	0.00480	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00480	U
Acetone	67-64-1	0.05	0.05	0.00960	U
Acrolein	107-02-8	~	~	0.00960	U
Acrylonitrile	107-13-1	~	~	0.00480	U
Benzene	71-43-2	0.06	0.06	0.00480	U
Bromochloromethane	74-97-5	~	~	0.00480	U
Bromodichloromethane	75-27-4	~	~	0.00480	U
Bromoform	75-25-2	~	~	0.00480	U
Bromomethane	74-83-9	~	~	0.00480	U
Carbon disulfide	75-15-0	~	~	0.00480	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00480	U
Chlorobenzene	108-90-7	1.1	1.1	0.00480	U
Chloroethane	75-00-3	~	~	0.00480	U
Chloroform	67-66-3	0.37	0.37	0.00480	U
Chloromethane	74-87-3	~	~	0.00480	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00480	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00480	U
Cyclohexane	110-82-7	~	~	0.00480	U
Dibromochloromethane	124-48-1	~	~	0.00480	U
Dibromomethane	74-95-3	~	~	0.00480	U
Dichlorodifluoromethane	75-71-8	~	~	0.00480	U
Ethyl Benzene	100-41-4	1	1	0.00480	U
Hexachlorobutadiene	87-68-3	~	~	0.00480	U
Isopropylbenzene	98-82-8	~	~	0.00480	U
Methyl acetate	79-20-9	~	~	0.0270	
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00480	U
Methylcyclohexane	108-87-2	~	~	0.00480	U
Methylene chloride	75-09-2	0.05	0.05	0.00960	U
n-Butylbenzene	104-51-8	12	12	0.00480	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00480	U
o-Xylene	95-47-6	~	~	0.00480	U
p- & m- Xylenes	179601-23-1	~	~	0.00960	U
p-Isopropyltoluene	99-87-6	~	~	0.00480	U
sec-Butylbenzene	135-98-8	11	11	0.00480	U
Styrene	100-42-5	~	~	0.00480	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00480	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00480	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00480	U
Toluene	108-88-3	0.7	0.7	0.00480	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00480	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00480	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00480	U
Trichloroethylene	79-01-6	0.47	0.47	0.00480	U
Trichlorofluoromethane	75-69-4	~	~	0.00480	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00480	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0140	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0935	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.187	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0935	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0935	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0935	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0935	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0935	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.187	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0935	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0935	U
2,4-Dichlorophenol	120-83-2	~	~	0.0935	U
2,4-Dimethylphenol	105-67-9	~	~	0.0935	U
2,4-Dinitrophenol	51-28-5	~	~	0.187	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0935	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0935	U
2-Chloronaphthalene	91-58-7	~	~	0.0935	U
2-Chlorophenol	95-57-8	~	~	0.0935	U
2-Methylnaphthalene	91-57-6	~	~	0.0935	U
2-Methylphenol	95-48-7	0.33	0.33	0.0935	U
2-Nitroaniline	88-74-4	~	~	0.187	U
2-Nitrophenol	88-75-5	~	~	0.0935	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0935	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0935	U

3-Nitroaniline	99-09-2	~	~	0.187	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.187	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0935	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0935	U
4-Chloroaniline	106-47-8	~	~	0.0935	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0935	U
4-Nitroaniline	100-01-6	~	~	0.187	U
4-Nitrophenol	100-02-7	~	~	0.187	U
Acenaphthene	83-32-9	20	98	0.0935	U
Acenaphthylene	208-96-8	100	107	0.0935	U
Acetophenone	98-86-2	~	~	0.0935	U
Aniline	62-53-3	~	~	0.375	U
Anthracene	120-12-7	100	1000	0.0935	U
Atrazine	1912-24-9	~	~	0.0935	U
Benzaldehyde	100-52-7	~	~	0.0935	U
Benzidine	92-87-5	~	~	0.375	U
Benzo(a)anthracene	56-55-3	1	1	0.0935	U
Benzo(a)pyrene	50-32-8	1	22	0.0935	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0935	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0935	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0935	U
Benzoic acid	65-85-0	~	~	0.0935	U
Benzyl alcohol	100-51-6	~	~	0.0935	U
Benzyl butyl phthalate	85-68-7	~	~	0.0935	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0935	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0935	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0935	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0935	U
Caprolactam	105-60-2	~	~	0.187	U
Carbazole	86-74-8	~	~	0.0935	U
Chrysene	218-01-9	1	1	0.0935	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0935	U
Dibenzofuran	132-64-9	7	210	0.0935	U
Diethyl phthalate	84-66-2	~	~	0.0935	U
Dimethyl phthalate	131-11-3	~	~	0.0935	U
Di-n-butyl phthalate	84-74-2	~	~	0.0935	U
Di-n-octyl phthalate	117-84-0	~	~	0.0935	U
Fluoranthene	206-44-0	100	1000	0.133	D
Fluorene	86-73-7	30	386	0.0935	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0935	U
Hexachlorobutadiene	87-68-3	~	~	0.0935	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0935	U
Hexachloroethane	67-72-1	~	~	0.0935	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0935	U
Isophorone	78-59-1	~	~	0.0935	U
Naphthalene	91-20-3	12	12	0.0935	U
Nitrobenzene	98-95-3	~	~	0.0935	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0935	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0935	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0935	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0935	U
Phenanthrene	85-01-8	100	1000	0.0935	U
Phenol	108-95-2	0.33	0.33	0.0935	U
Pyrene	129-00-0	100	1000	0.118	D
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00186	U
4,4'-DDE	72-55-9	0.0033	17	0.00186	U
4,4'-DDT	50-29-3	0.0033	136	**0.0160**	D
Aldrin	309-00-2	0.005	0.19	0.00186	U
alpha-BHC	319-84-6	0.02	0.02	0.00186	U
beta-BHC	319-85-7	0.036	0.09	0.00186	U
Chlordane, total	57-74-9	~	~	0.00371	U
delta-BHC	319-86-8	0.04	0.25	0.00186	U
Dieldrin	60-57-1	0.005	0.1	0.00186	U
Endosulfan I	959-98-8	2.4	102	0.00186	U
Endosulfan II	33213-65-9	2.4	102	0.00186	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00186	U
Endrin	72-20-8	0.014	0.06	0.00186	U
Endrin aldehyde	7421-93-4	~	~	0.00186	U
Endrin ketone	53494-70-5	~	~	0.00186	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00186	U
Heptachlor	76-44-8	0.042	0.38	0.00186	U
Heptachlor epoxide	1024-57-3	~	~	0.00186	U
Methoxychlor	72-43-5	~	~	0.00928	U
Toxaphene	8001-35-2	~	~	0.0940	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	55.200	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	5,170	
Antimony	7440-36-0	~	~	1.850	
Arsenic	7440-38-2	13	16	1.130	U
Barium	7440-39-3	350	820	61.700	
Beryllium	7440-41-7	7.2	47	0.113	U
Cadmium	7440-43-9	2.5	7.5	0.338	U
Calcium	7440-70-2	~	~	2,350	
Chromium	7440-47-3	~	~	11.400	
Cobalt	7440-48-4	~	~	6.320	
Copper	7440-50-8	50	1720	13.300	
Iron	7439-89-6	~	~	12,900	
Lead	7439-92-1	63	450	28.200	
Magnesium	7439-95-4	~	~	2,970	
Manganese	7439-96-5	1600	2000	301	
Nickel	7440-02-0	30	130	27.600	B
Potassium	7440-09-7	~	~	1,290	
Selenium	7782-49-2	3.9	4	1.130	U
Silver	7440-22-4	2	8.3	0.563	U
Sodium	7440-23-5	~	~	168	

Thallium	7440-28-0	~	~	1.130	U
Vanadium	7440-62-2	~	~	14	
Zinc	7440-66-6	109	2480	45.300	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0422	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.563	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.563	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	290	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.320	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	88.900	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0187	U
Aroclor 1221	11104-28-2	~	~	0.0187	U
Aroclor 1232	11141-16-5	~	~	0.0187	U
Aroclor 1242	53469-21-9	~	~	0.0187	U
Aroclor 1248	12672-29-6	~	~	0.0187	U
Aroclor 1254	11097-69-1	~	~	0.0187	U
Aroclor 1260	11096-82-5	~	~	0.0187	U
Total PCBs	1336-36-3	0.1	3.2	0.0187	U

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NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S13 18I0451-01 9/11/2018 10:50:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00480	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00480	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00480	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00480	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00480	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00480	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00480	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00480	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00480	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00480	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00480	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00480	U
1,2-Dibromoethane	106-93-4	~	~	0.00480	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00480	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00480	U
1,2-Dichloropropane	78-87-5	~	~	0.00480	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00480	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00480	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00480	U
1,4-Dioxane	123-91-1	0.1	0.1	0.0960	U
2-Butanone	78-93-3	0.12	0.12	0.00480	U
2-Hexanone	591-78-6	~	~	0.00480	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00480	U
Acetone	67-64-1	0.05	0.05	0.00960	U
Acrolein	107-02-8	~	~	0.00960	U
Acrylonitrile	107-13-1	~	~	0.00480	U
Benzene	71-43-2	0.06	0.06	0.00480	U
Bromochloromethane	74-97-5	~	~	0.00480	U
Bromodichloromethane	75-27-4	~	~	0.00480	U
Bromoform	75-25-2	~	~	0.00480	U
Bromomethane	74-83-9	~	~	0.00480	U
Carbon disulfide	75-15-0	~	~	0.00480	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00480	U
Chlorobenzene	108-90-7	1.1	1.1	0.00480	U
Chloroethane	75-00-3	~	~	0.00480	U
Chloroform	67-66-3	0.37	0.37	0.00480	U
Chloromethane	74-87-3	~	~	0.00480	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00480	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00480	U
Cyclohexane	110-82-7	~	~	0.00480	U
Dibromochloromethane	124-48-1	~	~	0.00480	U
Dibromomethane	74-95-3	~	~	0.00480	U
Dichlorodifluoromethane	75-71-8	~	~	0.00480	U
Ethyl Benzene	100-41-4	1	1	0.00480	U
Hexachlorobutadiene	87-68-3	~	~	0.00480	U
Isopropylbenzene	98-82-8	~	~	0.00480	U
Methyl acetate	79-20-9	~	~	0.00480	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00480	U
Methylcyclohexane	108-87-2	~	~	0.00480	U
Methylene chloride	75-09-2	0.05	0.05	0.00960	U
n-Butylbenzene	104-51-8	12	12	0.00480	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00480	U
o-Xylene	95-47-6	~	~	0.00480	U
p- & m- Xylenes	179601-23-1	~	~	0.00960	U
p-Isopropyltoluene	99-87-6	~	~	0.00480	U
sec-Butylbenzene	135-98-8	11	11	0.00480	U
Styrene	100-42-5	~	~	0.00480	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00480	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00480	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00480	U
Toluene	108-88-3	0.7	0.7	0.00480	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00480	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00480	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00480	U
Trichloroethylene	79-01-6	0.47	0.47	0.00480	U
Trichlorofluoromethane	75-69-4	~	~	0.00480	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00480	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0140	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0896	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.179	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0896	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0896	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0896	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0896	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0896	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.179	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0896	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0896	U
2,4-Dichlorophenol	120-83-2	~	~	0.0896	U
2,4-Dimethylphenol	105-67-9	~	~	0.0896	U
2,4-Dinitrophenol	51-28-5	~	~	0.179	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0896	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0896	U
2-Chloronaphthalene	91-58-7	~	~	0.0896	U
2-Chlorophenol	95-57-8	~	~	0.0896	U
2-Methylnaphthalene	91-57-6	~	~	0.0896	U
2-Methylphenol	95-48-7	0.33	0.33	0.0896	U
2-Nitroaniline	88-74-4	~	~	0.179	U
2-Nitrophenol	88-75-5	~	~	0.0896	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0896	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0896	U

3-Nitroaniline	99-09-2	~	~	0.179	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.179	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0896	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0896	U
4-Chloroaniline	106-47-8	~	~	0.0896	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0896	U
4-Nitroaniline	100-01-6	~	~	0.179	U
4-Nitrophenol	100-02-7	~	~	0.179	U
Acenaphthene	83-32-9	20	98	0.0896	U
Acenaphthylene	208-96-8	100	107	0.0896	U
Acetophenone	98-86-2	~	~	0.0896	U
Aniline	62-53-3	~	~	0.359	U
Anthracene	120-12-7	100	1000	0.0896	U
Atrazine	1912-24-9	~	~	0.0896	U
Benzaldehyde	100-52-7	~	~	0.0896	U
Benzidine	92-87-5	~	~	0.359	U
Benzo(a)anthracene	56-55-3	1	1	0.0896	U
Benzo(a)pyrene	50-32-8	1	22	0.0896	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0896	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0896	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0896	U
Benzoic acid	65-85-0	~	~	0.0896	U
Benzyl alcohol	100-51-6	~	~	0.0896	U
Benzyl butyl phthalate	85-68-7	~	~	0.0896	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0896	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0896	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0896	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0896	U
Caprolactam	105-60-2	~	~	0.179	U
Carbazole	86-74-8	~	~	0.0896	U
Chrysene	218-01-9	1	1	0.0896	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0896	U
Dibenzofuran	132-64-9	7	210	0.0896	U
Diethyl phthalate	84-66-2	~	~	0.0896	U
Dimethyl phthalate	131-11-3	~	~	0.0896	U
Di-n-butyl phthalate	84-74-2	~	~	0.0896	U
Di-n-octyl phthalate	117-84-0	~	~	0.0896	U
Fluoranthene	206-44-0	100	1000	0.0896	U
Fluorene	86-73-7	30	386	0.0896	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0896	U
Hexachlorobutadiene	87-68-3	~	~	0.0896	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0896	U
Hexachloroethane	67-72-1	~	~	0.0896	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0896	U
Isophorone	78-59-1	~	~	0.0896	U
Naphthalene	91-20-3	12	12	0.0896	U
Nitrobenzene	98-95-3	~	~	0.0896	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0896	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0896	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0896	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0896	U
Phenanthrene	85-01-8	100	1000	0.0896	U
Phenol	108-95-2	0.33	0.33	0.0896	U
Pyrene	129-00-0	100	1000	0.0896	U
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	**0.00469**	D
4,4'-DDE	72-55-9	0.0033	17	0.00177	U
4,4'-DDT	50-29-3	0.0033	136	**0.0192**	D
Aldrin	309-00-2	0.005	0.19	0.00177	U
alpha-BHC	319-84-6	0.02	0.02	0.00177	U
beta-BHC	319-85-7	0.036	0.09	0.00177	U
Chlordane, total	57-74-9	~	~	0.00355	U
delta-BHC	319-86-8	0.04	0.25	0.00177	U
Dieldrin	60-57-1	0.005	0.1	0.00177	U
Endosulfan I	959-98-8	2.4	102	0.00177	U
Endosulfan II	33213-65-9	2.4	102	0.00177	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00177	U
Endrin	72-20-8	0.014	0.06	0.00177	U
Endrin aldehyde	7421-93-4	~	~	0.00177	U
Endrin ketone	53494-70-5	~	~	0.00177	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00177	U
Heptachlor	76-44-8	0.042	0.38	0.00177	U
Heptachlor epoxide	1024-57-3	~	~	0.00177	U
Methoxychlor	72-43-5	~	~	0.00886	U
Toxaphene	8001-35-2	~	~	0.0897	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	53.700	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	3,770	
Antimony	7440-36-0	~	~	0.537	U
Arsenic	7440-38-2	13	16	1.070	U
Barium	7440-39-3	350	820	39	
Beryllium	7440-41-7	7.2	47	0.107	U
Cadmium	7440-43-9	2.5	7.5	0.322	U
Calcium	7440-70-2	~	~	1,510	
Chromium	7440-47-3	~	~	8.380	
Cobalt	7440-48-4	~	~	5.260	
Copper	7440-50-8	50	1720	9.700	
Iron	7439-89-6	~	~	7,930	
Lead	7439-92-1	63	450	7.400	
Magnesium	7439-95-4	~	~	2,800	
Manganese	7439-96-5	1600	2000	228	
Nickel	7440-02-0	30	130	**34.200**	B
Potassium	7440-09-7	~	~	916	
Selenium	7782-49-2	3.9	4	1.070	U
Silver	7440-22-4	2	8.3	0.537	U
Sodium	7440-23-5	~	~	121	

Thallium	7440-28-0	~	~	1.070	U
Vanadium	7440-62-2	~	~	9.750	
Zinc	7440-66-6	109	2480	23.600	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0449	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.537	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.559	
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	290	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.250	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	93.100	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0179	U
Aroclor 1221	11104-28-2	~	~	0.0179	U
Aroclor 1232	11141-16-5	~	~	0.0179	U
Aroclor 1242	53469-21-9	~	~	0.0179	U
Aroclor 1248	12672-29-6	~	~	0.0179	U
Aroclor 1254	11097-69-1	~	~	0.0179	U
Aroclor 1260	11096-82-5	~	~	0.0179	U
Total PCBs	1336-36-3	0.1	3.2	0.0179	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S14 18I0452-01 9/11/2018 10:55:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00480	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00480	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00480	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00480	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00480	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00480	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00480	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00480	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00480	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00480	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00480	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00480	U
1,2-Dibromoethane	106-93-4	~	~	0.00480	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00480	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00480	U
1,2-Dichloropropane	78-87-5	~	~	0.00480	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00480	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00480	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00480	U
1,4-Dioxane	123-91-1	0.1	0.1	0.0970	U
2-Butanone	78-93-3	0.12	0.12	0.00480	U
2-Hexanone	591-78-6	~	~	0.00480	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00480	U
Acetone	67-64-1	0.05	0.05	0.00970	J
Acrolein	107-02-8	~	~	0.00970	U
Acrylonitrile	107-13-1	~	~	0.00480	U
Benzene	71-43-2	0.06	0.06	0.00480	U
Bromochloromethane	74-97-5	~	~	0.00480	U
Bromodichloromethane	75-27-4	~	~	0.00480	U
Bromoform	75-25-2	~	~	0.00480	U
Bromomethane	74-83-9	~	~	0.00480	U
Carbon disulfide	75-15-0	~	~	0.00480	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00480	U
Chlorobenzene	108-90-7	1.1	1.1	0.00480	U
Chloroethane	75-00-3	~	~	0.00480	U
Chloroform	67-66-3	0.37	0.37	0.00480	U
Chloromethane	74-87-3	~	~	0.00480	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00480	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00480	U
Cyclohexane	110-82-7	~	~	0.00480	U
Dibromochloromethane	124-48-1	~	~	0.00480	U
Dibromomethane	74-95-3	~	~	0.00480	U
Dichlorodifluoromethane	75-71-8	~	~	0.00480	U
Ethyl Benzene	100-41-4	1	1	0.00480	U
Hexachlorobutadiene	87-68-3	~	~	0.00480	U
Isopropylbenzene	98-82-8	~	~	0.00480	U
Methyl acetate	79-20-9	~	~	0.00480	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00480	U
Methylcyclohexane	108-87-2	~	~	0.00480	U
Methylene chloride	75-09-2	0.05	0.05	0.00970	J
n-Butylbenzene	104-51-8	12	12	0.00480	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00480	U
o-Xylene	95-47-6	~	~	0.00480	U
p- & m- Xylenes	179601-23-1	~	~	0.00970	U
p-Isopropyltoluene	99-87-6	~	~	0.00480	U
sec-Butylbenzene	135-98-8	11	11	0.00480	U
Styrene	100-42-5	~	~	0.00480	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00480	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00480	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00480	U
Toluene	108-88-3	0.7	0.7	0.00480	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00480	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00480	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00480	U
Trichloroethylene	79-01-6	0.47	0.47	0.00480	U
Trichlorofluoromethane	75-69-4	~	~	0.00480	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00480	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0150	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.0948	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.189	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.0948	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.0948	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.0948	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.0948	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.0948	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.189	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.0948	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.0948	U
2,4-Dichlorophenol	120-83-2	~	~	0.0948	U
2,4-Dimethylphenol	105-67-9	~	~	0.0948	U
2,4-Dinitrophenol	51-28-5	~	~	0.189	U
2,4-Dinitrotoluene	121-14-2	~	~	0.0948	U
2,6-Dinitrotoluene	606-20-2	~	~	0.0948	U
2-Chloronaphthalene	91-58-7	~	~	0.0948	U
2-Chlorophenol	95-57-8	~	~	0.0948	U
2-Methylnaphthalene	91-57-6	~	~	0.0948	U
2-Methylphenol	95-48-7	0.33	0.33	0.0948	U
2-Nitroaniline	88-74-4	~	~	0.189	U
2-Nitrophenol	88-75-5	~	~	0.0948	U
3- & 4-Methylphenols	65794-96-9	~	~	0.0948	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.0948	U

3-Nitroaniline	99-09-2	~	~	0.189	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.189	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.0948	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.0948	U
4-Chloroaniline	106-47-8	~	~	0.0948	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.0948	U
4-Nitroaniline	100-01-6	~	~	0.189	U
4-Nitrophenol	100-02-7	~	~	0.189	U
Acenaphthene	83-32-9	20	98	0.0948	U
Acenaphthylene	208-96-8	100	107	0.0948	U
Acetophenone	98-86-2	~	~	0.0948	U
Aniline	62-53-3	~	~	0.380	U
Anthracene	120-12-7	100	1000	0.0948	U
Atrazine	1912-24-9	~	~	0.0948	U
Benzaldehyde	100-52-7	~	~	0.0948	U
Benzidine	92-87-5	~	~	0.380	U
Benzo(a)anthracene	56-55-3	1	1	0.0948	U
Benzo(a)pyrene	50-32-8	1	22	0.0948	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.0948	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.0948	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.0948	U
Benzoic acid	65-85-0	~	~	0.0948	U
Benzyl alcohol	100-51-6	~	~	0.0948	U
Benzyl butyl phthalate	85-68-7	~	~	0.0948	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.0948	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.0948	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.0948	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.0948	U
Caprolactam	105-60-2	~	~	0.189	U
Carbazole	86-74-8	~	~	0.0948	U
Chrysene	218-01-9	1	1	0.0948	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.0948	U
Dibenzofuran	132-64-9	7	210	0.0948	U
Diethyl phthalate	84-66-2	~	~	0.0948	U
Dimethyl phthalate	131-11-3	~	~	0.0948	U
Di-n-butyl phthalate	84-74-2	~	~	0.0948	U
Di-n-octyl phthalate	117-84-0	~	~	0.0948	U
Fluoranthene	206-44-0	100	1000	0.0948	U
Fluorene	86-73-7	30	386	0.0948	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.0948	U
Hexachlorobutadiene	87-68-3	~	~	0.0948	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.0948	U
Hexachloroethane	67-72-1	~	~	0.0948	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.0948	U
Isophorone	78-59-1	~	~	0.0948	U
Naphthalene	91-20-3	12	12	0.0948	U
Nitrobenzene	98-95-3	~	~	0.0948	U
N-Nitrosodimethylamine	62-75-9	~	~	0.0948	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.0948	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.0948	U
Pentachlorophenol	87-86-5	0.8	0.8	0.0948	U
Phenanthrene	85-01-8	100	1000	0.0948	U
Phenol	108-95-2	0.33	0.33	0.0948	U
Pyrene	129-00-0	100	1000	0.0948	U
Semi-Volatiles, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				2	
Tentatively Identified Compounds		~	~	0	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	**0.00549**	D
4,4'-DDE	72-55-9	0.0033	17	0.00188	U
4,4'-DDT	50-29-3	0.0033	136	**0.0208**	D
Aldrin	309-00-2	0.005	0.19	0.00188	U
alpha-BHC	319-84-6	0.02	0.02	0.00188	U
beta-BHC	319-85-7	0.036	0.09	0.00188	U
Chlordane, total	57-74-9	~	~	0.00375	U
delta-BHC	319-86-8	0.04	0.25	0.00188	U
Dieldrin	60-57-1	0.005	0.1	0.00188	U
Endosulfan I	959-98-8	2.4	102	0.00188	U
Endosulfan II	33213-65-9	2.4	102	0.00188	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00188	U
Endrin	72-20-8	0.014	0.06	0.00188	U
Endrin aldehyde	7421-93-4	~	~	0.00188	U
Endrin ketone	53494-70-5	~	~	0.00188	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00188	U
Heptachlor	76-44-8	0.042	0.38	0.00188	U
Heptachlor epoxide	1024-57-3	~	~	0.00188	U
Methoxychlor	72-43-5	~	~	0.00938	U
Toxaphene	8001-35-2	~	~	0.0949	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	55.700	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	6,480	
Antimony	7440-36-0	~	~	1.120	
Arsenic	7440-38-2	13	16	1.780	
Barium	7440-39-3	350	820	73.600	
Beryllium	7440-41-7	7.2	47	0.130	B
Cadmium	7440-43-9	2.5	7.5	0.341	U
Calcium	7440-70-2	~	~	2,360	
Chromium	7440-47-3	~	~	12.900	
Cobalt	7440-48-4	~	~	6.580	
Copper	7440-50-8	50	1720	13.200	
Iron	7439-89-6	~	~	11,300	
Lead	7439-92-1	63	450	14.100	
Magnesium	7439-95-4	~	~	2,890	
Manganese	7439-96-5	1600	2000	254	
Nickel	7440-02-0	30	130	29.600	B
Potassium	7440-09-7	~	~	1,170	
Selenium	7782-49-2	3.9	4	1.140	U
Silver	7440-22-4	2	8.3	0.569	U
Sodium	7440-23-5	~	~	139	

Thallium	7440-28-0	~	~	1.140	U
Vanadium	7440-62-2	~	~	16.300	
Zinc	7440-66-6	109	2480	47.300	
Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0341	U
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.569	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.569	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	290	
pH				pH units	
Dilution Factor				1	
pH		~	~	9.210	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	87.900	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0189	U
Aroclor 1221	11104-28-2	~	~	0.0189	U
Aroclor 1232	11141-16-5	~	~	0.0189	U
Aroclor 1242	53469-21-9	~	~	0.0189	U
Aroclor 1248	12672-29-6	~	~	0.0189	U
Aroclor 1254	11097-69-1	~	~	0.0189	U
Aroclor 1260	11096-82-5	~	~	0.0189	U
Total PCBs	1336-36-3	0.1	3.2	0.0189	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW	Clean Tested Fill - S15 18I0453-01 9/11/2018 11:00:00 AM Soil	
Compound	**CAS Number**			Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
1,1,1,2-Tetrachloroethane	630-20-6	~	~	0.00490	U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	0.00490	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	0.00490	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	0.00490	U
1,1,2-Trichloroethane	79-00-5	~	~	0.00490	U
1,1-Dichloroethane	75-34-3	0.27	0.27	0.00490	U
1,1-Dichloroethylene	75-35-4	0.33	0.33	0.00490	U
1,2,3-Trichlorobenzene	87-61-6	~	~	0.00490	U
1,2,3-Trichloropropane	96-18-4	~	~	0.00490	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.00490	U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	0.00490	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	0.00490	U
1,2-Dibromoethane	106-93-4	~	~	0.00490	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.00490	U
1,2-Dichloroethane	107-06-2	0.02	0.02	0.00490	U
1,2-Dichloropropane	78-87-5	~	~	0.00490	U
1,3,5-Trimethylbenzene	108-67-8	8.4	8.4	0.00490	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.00490	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.00490	U
1,4-Dioxane	123-91-1	0.1	0.1	0.0970	U
2-Butanone	78-93-3	0.12	0.12	0.00490	U
2-Hexanone	591-78-6	~	~	0.00490	U
4-Methyl-2-pentanone	108-10-1	~	~	0.00490	U
Acetone	67-64-1	0.05	0.05	0.00970	J
Acrolein	107-02-8	~	~	0.00970	U
Acrylonitrile	107-13-1	~	~	0.00490	U
Benzene	71-43-2	0.06	0.06	0.00490	U
Bromochloromethane	74-97-5	~	~	0.00490	U
Bromodichloromethane	75-27-4	~	~	0.00490	U
Bromoform	75-25-2	~	~	0.00490	U
Bromomethane	74-83-9	~	~	0.00490	U
Carbon disulfide	75-15-0	~	~	0.00490	U
Carbon tetrachloride	56-23-5	0.76	0.76	0.00490	U
Chlorobenzene	108-90-7	1.1	1.1	0.00490	U
Chloroethane	75-00-3	~	~	0.00490	U
Chloroform	67-66-3	0.37	0.37	0.00490	U
Chloromethane	74-87-3	~	~	0.00490	U
cis-1,2-Dichloroethylene	156-59-2	0.25	0.25	0.00490	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	0.00490	U
Cyclohexane	110-82-7	~	~	0.00490	U
Dibromochloromethane	124-48-1	~	~	0.00490	U
Dibromomethane	74-95-3	~	~	0.00490	U
Dichlorodifluoromethane	75-71-8	~	~	0.00490	U
Ethyl Benzene	100-41-4	1	1	0.00490	U
Hexachlorobutadiene	87-68-3	~	~	0.00490	U
Isopropylbenzene	98-82-8	~	~	0.00490	U
Methyl acetate	79-20-9	~	~	0.00490	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	0.93	0.00490	U
Methylcyclohexane	108-87-2	~	~	0.00490	U
Methylene chloride	75-09-2	0.05	0.05	0.00970	U
n-Butylbenzene	104-51-8	12	12	0.00490	U
n-Propylbenzene	103-65-1	3.9	3.9	0.00490	U
o-Xylene	95-47-6	~	~	0.00490	U
p- & m- Xylenes	179601-23-1	~	~	0.00970	U
p-Isopropyltoluene	99-87-6	~	~	0.00490	U
sec-Butylbenzene	135-98-8	11	11	0.00490	U
Styrene	100-42-5	~	~	0.00490	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	0.00490	U
tert-Butylbenzene	98-06-6	5.9	5.9	0.00490	U
Tetrachloroethylene	127-18-4	1.3	1.3	0.00490	U
Toluene	108-88-3	0.7	0.7	0.00490	U
trans-1,2-Dichloroethylene	156-60-5	0.19	0.19	0.00490	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	0.00490	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	0.00490	U
Trichloroethylene	79-01-6	0.47	0.47	0.00490	U
Trichlorofluoromethane	75-69-4	~	~	0.00490	U
Vinyl Chloride	75-01-4	0.02	0.02	0.00490	U
Xylenes, Total	1330-20-7	0.26	1.6	0.0150	U
Volatile Organics, Tentatively Identified Cmpds.				mg/kg	
Dilution Factor				1	
Tentatively Identified Compounds		~	~	0	U
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				2	
1,1-Biphenyl	92-52-4	~	~	0.101	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	0.201	U
1,2,4-Trichlorobenzene	120-82-1	~	~	0.101	U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	0.101	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	0.101	U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	0.101	U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	0.101	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	0.201	U
2,4,5-Trichlorophenol	95-95-4	~	~	0.101	U
2,4,6-Trichlorophenol	88-06-2	~	~	0.101	U
2,4-Dichlorophenol	120-83-2	~	~	0.101	U
2,4-Dimethylphenol	105-67-9	~	~	0.101	U
2,4-Dinitrophenol	51-28-5	~	~	0.201	U
2,4-Dinitrotoluene	121-14-2	~	~	0.101	U
2,6-Dinitrotoluene	606-20-2	~	~	0.101	U
2-Chloronaphthalene	91-58-7	~	~	0.101	U
2-Chlorophenol	95-57-8	~	~	0.101	U
2-Methylnaphthalene	91-57-6	~	~	0.101	U
2-Methylphenol	95-48-7	0.33	0.33	0.101	U
2-Nitroaniline	88-74-4	~	~	0.201	U
2-Nitrophenol	88-75-5	~	~	0.101	U
3- & 4-Methylphenols	65794-96-9	~	~	0.101	U
3,3-Dichlorobenzidine	91-94-1	~	~	0.101	U

3-Nitroaniline	99-09-2	~	~	0.201	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	0.201	U
4-Bromophenyl phenyl ether	101-55-3	~	~	0.101	U
4-Chloro-3-methylphenol	59-50-7	~	~	0.101	U
4-Chloroaniline	106-47-8	~	~	0.101	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	0.101	U
4-Nitroaniline	100-01-6	~	~	0.201	U
4-Nitrophenol	100-02-7	~	~	0.201	U
Acenaphthene	83-32-9	20	98	0.101	U
Acenaphthylene	208-96-8	100	107	0.101	U
Acetophenone	98-86-2	~	~	0.101	U
Aniline	62-53-3	~	~	0.404	U
Anthracene	120-12-7	100	1000	0.101	U
Atrazine	1912-24-9	~	~	0.101	U
Benzaldehyde	100-52-7	~	~	0.101	U
Benzidine	92-87-5	~	~	0.404	U
Benzo(a)anthracene	56-55-3	1	1	0.101	U
Benzo(a)pyrene	50-32-8	1	22	0.101	U
Benzo(b)fluoranthene	205-99-2	1	1.7	0.101	U
Benzo(g,h,i)perylene	191-24-2	100	1000	0.101	U
Benzo(k)fluoranthene	207-08-9	0.8	1.7	0.101	U
Benzoic acid	65-85-0	~	~	0.101	U
Benzyl alcohol	100-51-6	~	~	0.101	U
Benzyl butyl phthalate	85-68-7	~	~	0.101	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	0.101	U
Bis(2-chloroethyl)ether	111-44-4	~	~	0.101	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	0.101	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	0.101	U
Caprolactam	105-60-2	~	~	0.201	U
Carbazole	86-74-8	~	~	0.101	U
Chrysene	218-01-9	1	1	0.101	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1000	0.101	U
Dibenzofuran	132-64-9	7	210	0.101	U
Diethyl phthalate	84-66-2	~	~	0.101	U
Dimethyl phthalate	131-11-3	~	~	0.101	U
Di-n-butyl phthalate	84-74-2	~	~	0.101	U
Di-n-octyl phthalate	117-84-0	~	~	0.101	U
Fluoranthene	206-44-0	100	1000	0.101	U
Fluorene	86-73-7	30	386	0.101	U
Hexachlorobenzene	118-74-1	0.33	3.2	0.101	U
Hexachlorobutadiene	87-68-3	~	~	0.101	U
Hexachlorocyclopentadiene	77-47-4	~	~	0.101	U
Hexachloroethane	67-72-1	~	~	0.101	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	0.101	U
Isophorone	78-59-1	~	~	0.101	U
Naphthalene	91-20-3	12	12	0.101	U
Nitrobenzene	98-95-3	~	~	0.101	U
N-Nitrosodimethylamine	62-75-9	~	~	0.101	U
N-nitroso-di-n-propylamine	621-64-7	~	~	0.101	U
N-Nitrosodiphenylamine	86-30-6	~	~	0.101	U
Pentachlorophenol	87-86-5	0.8	0.8	0.101	U
Phenanthrene	85-01-8	100	1000	0.101	U
Phenol	108-95-2	0.33	0.33	0.101	U
Pyrene	129-00-0	100	1000	0.101	U
Pesticides, EPA TCL List		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				5	
4,4'-DDD	72-54-8	0.0033	14	0.00199	U
4,4'-DDE	72-55-9	0.0033	17	0.00199	U
4,4'-DDT	50-29-3	0.0033	136	0.00303	D
Aldrin	309-00-2	0.005	0.19	0.00199	U
alpha-BHC	319-84-6	0.02	0.02	0.00199	U
beta-BHC	319-85-7	0.036	0.09	0.00199	U
Chlordane, total	57-74-9	~	~	0.00399	U
delta-BHC	319-86-8	0.04	0.25	0.00199	U
Dieldrin	60-57-1	0.005	0.1	0.00199	U
Endosulfan I	959-98-8	2.4	102	0.00199	U
Endosulfan II	33213-65-9	2.4	102	0.00199	U
Endosulfan sulfate	1031-07-8	2.4	1000	0.00199	U
Endrin	72-20-8	0.014	0.06	0.00199	U
Endrin aldehyde	7421-93-4	~	~	0.00199	U
Endrin ketone	53494-70-5	~	~	0.00199	U
gamma-BHC (Lindane)	58-89-9	0.1	0.1	0.00199	U
Heptachlor	76-44-8	0.042	0.38	0.00199	U
Heptachlor epoxide	1024-57-3	~	~	0.00199	U
Methoxychlor	72-43-5	~	~	0.00997	U
Toxaphene	8001-35-2	~	~	0.101	U
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg	
Dilution Factor				1	
Total EPH		~	~	60.400	U
Metals, Target Analyte		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aluminum	7429-90-5	~	~	5,640	
Antimony	7440-36-0	~	~	1.430	
Arsenic	7440-38-2	13	16	1.210	U
Barium	7440-39-3	350	820	40.700	
Beryllium	7440-41-7	7.2	47	0.121	U
Cadmium	7440-43-9	2.5	7.5	0.363	U
Calcium	7440-70-2	~	~	2,000	
Chromium	7440-47-3	~	~	12.500	
Cobalt	7440-48-4	~	~	7.250	
Copper	7440-50-8	50	1720	15.800	
Iron	7439-89-6	~	~	12,500	
Lead	7439-92-1	63	450	5.060	
Magnesium	7439-95-4	~	~	2,940	
Manganese	7439-96-5	1600	2000	340	
Nickel	7440-02-0	30	130	**31**	B
Potassium	7440-09-7	~	~	1,420	
Selenium	7782-49-2	3.9	4	1.210	U
Silver	7440-22-4	2	8.3	0.604	U
Sodium	7440-23-5	~	~	170	
Thallium	7440-28-0	~	~	1.210	U
Vanadium	7440-62-2	~	~	15.700	
Zinc	7440-66-6	109	2480	62.800	

Mercury by 7473		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Mercury	7439-97-6	0.18	0.73	0.0433	
Chromium, Hexavalent		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Chromium, Hexavalent	18540-29-9	1	19	0.604	U
Cyanide, Total		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Cyanide, total	57-12-5	27	40	0.604	U
ORP (Oxidation-Reduction Potential)(Ag/AgCl)				mV	
Dilution Factor				1	
ORP (Oxidation-Reduction Potential) (Ag/AgCl)		~	~	280	
pH				pH units	
Dilution Factor				1	
pH		~	~	8.950	
Total Solids				%	
Dilution Factor				1	
% Solids	solids	~	~	82.700	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg	mg/Kg	
Dilution Factor				1	
Aroclor 1016	12674-11-2	~	~	0.0201	U
Aroclor 1221	11104-28-2	~	~	0.0201	U
Aroclor 1232	11141-16-5	~	~	0.0201	U
Aroclor 1242	53469-21-9	~	~	0.0201	U
Aroclor 1248	12672-29-6	~	~	0.0201	U
Aroclor 1254	11097-69-1	~	~	0.0201	U
Aroclor 1260	11096-82-5	~	~	0.0201	U
Total PCBs	1336-36-3	0.1	3.2	0.0201	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

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November 12, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – November 5 to November 9, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from November 5 to November 9, 2018. The following activities were conducted:

- On November 6, 2018, AKRF and the NYSDEC project manager held a telephone conference call to review the proposed additional Remedial Investigation (RI) scope and to discuss the status of the Site schedule and demolition. AKRF conducted the additional RI work on November 9, 2018, which included the advancement of two soil borings within the footprint of the former Site building with continuous soil sampling to the groundwater interface. The soil borings were advanced to confirm depth to groundwater beneath the former building cellar slab and to determine whether unsaturated soil exists beneath the slab. Saturated soil was encountered directly beneath the cellar slab; therefore, soil samples were not be submitted for laboratory analysis. The work was conducted in accordance with the Remedial Investigation Work Plan (RIWP) and air monitoring was conducted in accordance with the Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP). No air monitoring exceedances were detected. AKRF prepared a daily report summarizing the work, which is included as Attachment A. The daily report includes a sample location map, photographs of the work, and the air monitoring log.
- On November 9, 2018, AKRF conducted in-situ soil/fill waste classification sampling to gain waste disposal facility approval in advance of remedial activities.
- On November 9, AKRF conducted a Phase I Environmental Site Assessment (ESA) inspection of the Site and surrounding area. Details of the inspection will be included in a Phase I ESA Report for the Site.
- On November 9, 2018, Roguski Land Surveying, P.C., a New York State-licensed surveyor, surveyed the location and elevation of groundwater monitoring well RI-MW-03.
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued revising the Draft Remedial Investigation Report (RIR) for submission to NYSDEC and NYSDOH.

- AKRF revised the BCP schedule, which is included as Attachment B.

The following work is planned for the week of November 12 through November 16, 2018:

- AKRF will submit the revised Draft RIR and the Draft RAWP to NYSDEC and NYSDOH for review.
- Demolition signoff is anticipated to be received from the New York City Department of Buildings (NYCDOB).

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Michelle Lapin, P.E.
Senior Vice President
Professional

Amy Jordan
Senior Environmental

Enc. Attachment A – Daily Environmental Report – November 9, 2018
Attachment B – BCP Site Schedule

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9

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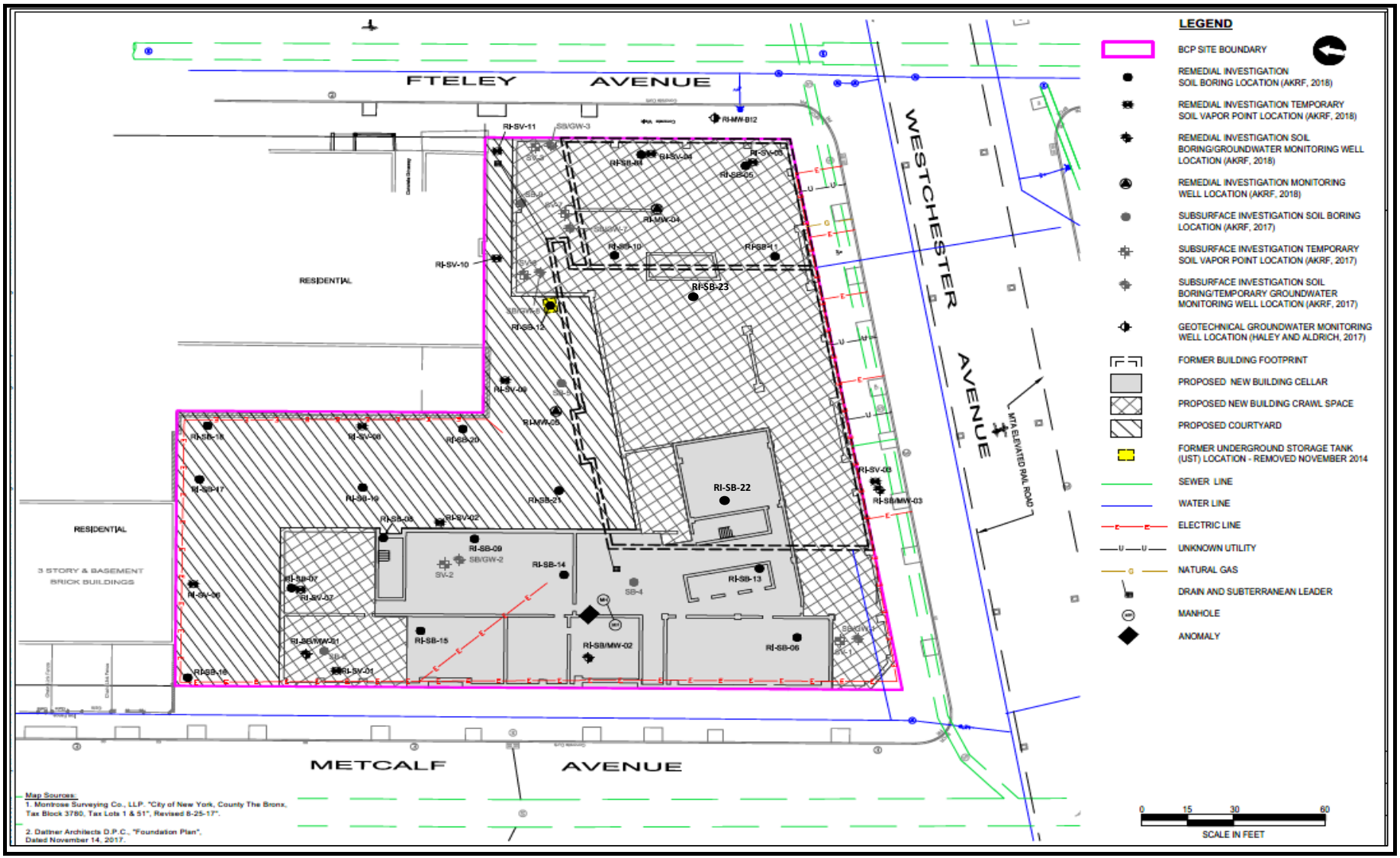
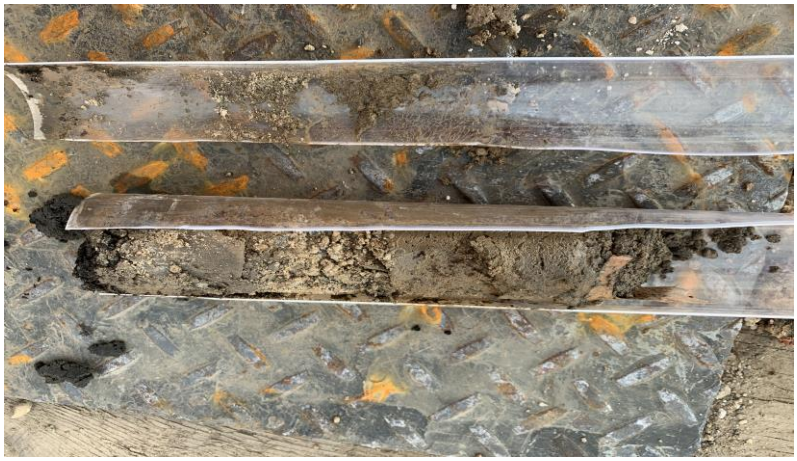
ATTACHMENT A

AKRF	**Daily Activity Report**
	1675 Apartments
	1675-1679 Westchester Avenue, New York
	BCP Site No. C203107
General Site Information	
Date:	Friday, November 09, 2018
Weather:	Cloudy, 64-68 ^{o}F
Wind Direction/Speed:	SW @ ~ 12 mph
AKRF Personnel on Site:	Matthew Levy
AKRF Equipment on Site:	11.6 eV PID, Dust Trak
Subcontractor(s) on Site:	AARCO Environmental Services, Inc. (Drilling Subcontractor), Roguski Land Surveying, P.C. (Surveyor)
Description and Location of Work Activities Performed	
AKRF conducted air monitoring for VOCs and airborne particulate in accordance with the NYSDEC-approved Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) throughout the work day. No exceedances were detected. The air monitoring log is included on page 4 of this report.	
AKRF conducted the final phase of the Remedial Investigation, which included the advancement of two soil borings (RI-SB-22 and RI-SB-23) at the location of the former Site building with continuous soil sampling from grade to boring termination depths. The borings were advanced to the groundwater table, which was encountered directly beneath the concrete cellar slab. Therefore, samples were not submitted for laboratory analysis. The soil boring locations are shown on page 2 of this report. Photographs taken during the work day are included on page 3 of this report.	
AKRF conducted in-situ waste classification sampling to gain waste disposal facilitiy approval in advance of remedial activities.	
Roguski Land Surveying, P.C., a New York State-licensed surveyor, surveyed the location and elevation of groundwater monitoring well RI-MW-03.	
AKRF completed a Phase I Environmental Site Assessment (ESA) inspection of the Site.	
Planned Work Activity for Following Days/Week:	
None	


FTELEY AVENUE
WESTCHESTER AVENUE
METCALF AVENUE
MTA ELEVATED RAIL ROAD
RESIDENTIAL
RESIDENTIAL
3 STORY & BASEMENT BRICK BUILDINGS
RI-SV-11
SB/GW-3
RI-MW-BI2
RI-SB-11
RI-SV-04
RI-SV-05
RI-SB-05
RI-MW-04
RI-SB-10
RI-SB-11
RI-SV-10
RI-SB-23
RI-SB-12
RI-SV-01
SB-3
RI-MW-05
RI-SB-18
RI-SV-08
RI-SB-20
RI-SB-17
RI-SB-19
RI-SB-21
RI-SB-22
RI-SV-09
RI-SB/MW-03
RI-SB-08
RI-SV-02
RI-SB-09
SB/GW-2
SV-2
RI-SB-14
SB-4
RI-SB-13
RI-SB-07
RI-SV-07
RI-SV-06
RI-SB/MW-01
RI-SB-15
RI-SB/MW-02
RI-SB-06
RI-SB-16
RI-SV-01
LEGEND
BCP SITE BOUNDARY
REMEDIAL INVESTIGATION SOIL BORING LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (AKRF, 2018)
REMEDIAL INVESTIGATION MONITORING WELL LOCATION (AKRF, 2018)
SUBSURFACE INVESTIGATION SOIL BORING LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION TEMPORARY SOIL VAPOR POINT LOCATION (AKRF, 2017)
SUBSURFACE INVESTIGATION SOIL BORING/TEMPORARY GROUNDWATER MONITORING WELL LOCATION (AKRF, 2017)
GEOTECHNICAL GROUNDWATER MONITORING WELL LOCATION (HALEY AND ALDRICH, 2017)
FORMER BUILDING FOOTPRINT
PROPOSED NEW BUILDING CELLAR
PROPOSED NEW BUILDING CRAWL SPACE
PROPOSED COURTYARD
FORMER UNDERGROUND STORAGE TANK (UST) LOCATION - REMOVED NOVEMBER 2014
SEWER LINE
WATER LINE
ELECTRIC LINE
UNKNOWN UTILITY
NATURAL GAS
DRAIN AND SUBTERRANEAN LEADER
MANHOLE
ANOMALY
Map Sources:
1. Montrose Surveying Co., LLP. "City of New York, County The Bronx, Tax Block 3780, Tax Lots 1 & 51", Revised 8-25-17".
2. Dattner Architects D.P.C., "Foundation Plan", Dated November 14, 2017.
0 15 30 60
SCALE IN FEET

PHOTOGRAPHS	
Photograph 1 - Location and elevation survey at groundwater monitoring well RI-MW-03 within the Westchester Avenue sidewalk.	
Photograph 2 - Advancing a waste classification soil boring on the northern portion of the Site.	
Photograph 3 - Saturated lithology at RI soil boring RI-SB 22 from just below the cellar slab to native soil (right to left).	

AKRF, Inc. **Air Monitoring Log**

Project: 170250 / 1675 Apartments	Client:	Date: 11/9/18	
Work Activity: Boring Waste classification, well gauging		Logged By: Antonio C/Mikey	
		Job No: 170250	
Weather: 52°F Fair	Wind Direction: NE	Wind Speed: 5-10 mph	

TIME	LOCATION	PID (ppm)	DUST (mg/m³)	ODORS	COMMENTS (activity; work zone, upwind or downwind)
0700	NW of site	0.0	0.028	ND	BACKGROUND
0730	NW of site	0.0	0.023	ND	Well gauging
0800	Fteley ave	0.0	0.025	ND	Well gauging
0830	~~WC-10 area~~	0.0	~~0.~~ 0.009	ND	Sampling
0900	WC-10 area	0.0	0.016	ND	Sampling / Boring
0930	WC-10 area	0.0	0.019	ND	Sampling / Boring
1000	WC-10 area	0.0	0.023	ND	Sampling / Boring
1030	WC-10 area	0.0	0.018	ND	Sampling / Boring
1100	WC-10 area	0.0	0.013	ND	Sampling / Boring
1130	WC-10 area	0.0	0.017	ND	Sampling
1200	WC-10 Area	0.1	0.015	ND	Sampling
1230	WC-10 Area	0.1	0.019	ND	Sampling
1300	WC-10 Area	0.1	0.014	ND	Sampling
1330	WC-10 Area	0.0	0.020	ND	Sampling
1400	Intrusive work completed				
1430					

Work Zone Action Levels	
PID	DUST
<5 ppm: Level D	<0.150 mg/m³ above background in breathing zone: level D
Between 5 ppm and 50 ppm: level C	
>50 ppm: STOP	>0.150 mg/m³ above background in breathing zone: Dust suppression

Community (Perimeter) Action Levels	
PID	DUST
>5 ppm above background: vapor suppression	>0.1 mg/m³ above background: dust suppression
>25 ppm above background: STOP	>0.15 mg/m³ above background: STOP

ATTACHMENT B

BCP Site Schedule – 1675-1679 Westchester Avenue, Bronx, New York
Updated November 2018

Activity	Time To Complete
End of BCP Application Public Comment Period and Draft RIWP Comments Received	March 2018
Execute Brownfield Cleanup Agreement and Final Submittal/Approval of RIWP	May 2018
Citizen Participation Plan (CPP)	May 2018
Remedial Investigation (RI) is Initiated	May 2018
Site Building Demolition	September - October 2018
Remedial Investigation (RI) is Completed	November 2018
Draft RI Report (RIR) Submitted to NYSDEC	November 2018
Draft Remedial Action Work Plan (RAWP) and Fact Sheet Submitted to NYSDEC	November 2018
45-day Public Comment Period for RAWP is Initiated	November 2018
Public Comment Period for RAWP Ends	December 2018
Final RAWP Submitted/NYSDEC Approves and Issues DD	January 2018
Issue Remedial/Construction Notice Fact Sheet	February 2018
Begin Redevelopment (Construction) with Implementation of RAWP	March 2019
Draft Site Management Plan (SMP) Submitted to NYSDEC	July 2020
Execution of Environmental Easement	Summer 2020
Draft Final Engineering Report and Fact Sheet	September 2020
Certificate of Completion and Fact Sheet	December 2020
Completion of Building	December 2022

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November 20, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – November 12 to November 16, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from November 12 to November 16, 2018. The following activities were conducted:

- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued revising the Draft Remedial Investigation Report (RIR) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of November 19 through November 23, 2018:

- AKRF will submit the Draft RIR and the Draft RAWP for submission to NYSDEC and NYSDOH for review.
- Demolition signoff is anticipated to be received from the New York City Department of Buildings (NYCDOB).

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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November 27, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – November 19 to November 23, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from November 19 to November 23, 2018. The following activities were conducted:

- Demolition signoff is anticipated to be received from the New York City Department of Buildings (NYCDOB).
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued revising the Draft Remedial Investigation Report (RIR) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of November 19 through November 23, 2018:

- AKRF will submit the Draft RIR and the Draft RAWP for submission to NYSDEC and NYSDOH for review.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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December 3, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – November 26 to November 30, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from November 26 to November 30, 2018. The following activities were conducted:

- On November 29, 2018, AARCO Environmental Services, Inc., AKRF's drilling subcontractor, disposed of the 55-gallon drum containing monitoring well purge water investigation-derived waste (IDW) from the Remedial Investigation (RI).
- On November 30, 2018, demolition signoff was received from the New York City Department of Buildings (NYCDOB).
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued revising the Draft Remedial Investigation Report (RIR) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of December 3 through December 7, 2018:

- AKRF will submit the Draft RIR and the Draft RAWP for submission to NYSDEC and NYSDOH for review.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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Environmental, Planning, and Engineering Consultants
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New York, NY 10016
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January 10, 2019

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Monthly Progress Report – December 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] (the Site) during the month of December 2018. The following activities were conducted:

- On December 19, 2018, AKRF submitted the Remedial Investigation Report (RIR) to NYSDEC and the New York State Department of Health (NYSDOH) for review and approval.
- AKRF prepared a soil/fill waste classification report and began coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities in advance of remedial activities.
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and NYSDOH.
- AKRF prepared weekly progress reports and submitted them to NYSDEC and NYSDOH throughout December 2018. The weekly progress reports are included in Attachment A.

The following work is planned for January 2019:

- AKRF submitted the Draft RAWP to NYSDEC and NYSDOH on January 4, 2019.
- NYSDEC and/or NYSDOH will issue comments on the RIR and/or RAWP.
- AKRF will continue coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities in advance of remedial activities.

If you have any questions regarding the information presented in this letter, please contact Deborah Shapiro at (646) 388-9544 or Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Senior Vice President

Michelle Lapin, P.E.
Senior Vice President

Enc.: Attachment A – Weekly Progress Reports - December 2018

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming – NYSDOH
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9
A. Jordan - AKRF

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ATTACHMENT A

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

December 10, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – December 3 to December 7, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from December 3 to December 7, 2018. The following activities were conducted:

- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued revising the Draft Remedial Investigation Report (RIR) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of December 10 through December 14, 2018:

- AKRF will submit the Draft RIR and the Draft RAWP for submission to NYSDEC and NYSDOH for review.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
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December 14, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – December 10 to December 14, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from December 10 to December 14, 2018. The following activities were conducted:

- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued revising the Remedial Investigation Report (RIR) for submission to NYSDEC and NYSDOH.

The following work is planned for the week of December 17 through December 21, 2018:

- AKRF will submit the RIR to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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December 24, 2018

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – December 17 to December 21, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from December 17 to December 21, 2018. The following activities were conducted:

- On December 19, 2018, AKRF submitted the Remedial Investigation Report (RIR) to NYSDEC for review and approval.
- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF received the laboratory analytical results for the soil/fill waste classification sampling conducted on November 9, 2018. AKRF began coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.

The following work is planned for the week of December 24 through December 28, 2018:

- AKRF will finish preparing the Draft RAWP and will submit the report to NYSDEC and the NYSDOH for review.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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January 4, 2019

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – December 24 to December 28, 2018
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from December 24 to December 28, 2018. The following activities were conducted:

- AKRF continued preparing the Draft Remedial Action Work Plan (RAWP) for submission to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.

The following work is planned for the week of December 31 through January 4, 2018:

- AKRF will submit the Draft RAWP to NYSDEC and NYSDOH.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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New York, NY 10016
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February 8, 2019

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Monthly Progress Report – January 2019
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Monthly Progress Report has been prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] (the Site) during the month of January 2019. The following activities were conducted:

- On January 4, 2019, AKRF submitted the Draft Remedial Action Work Plan (RAWP) to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF received comments on the Remedial Investigation (RIR) in a January 25, 2019 NYSDEC-issued letter.
- On January 31, 2019, members of the NYSDEC and AKRF project team held a conference call to discuss NYSDEC's comments to the RIR.
- AKRF continued coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities in advance of remedial activities.
- AKRF continued preparing the Phase I Environmental Site Assessment (ESA) for the Site.
- AKRF prepared weekly progress reports and submitted them to NYSDEC and the New York State Department of Health (NYSDOH) throughout January 2019. The weekly progress reports are included in Attachment A.

The following work is planned for February 2019:

- NYSDEC will issue comments on the Draft RAWP.
- AKRF will revise the RIR in accordance with the NYSDEC-issued RIR comment letter and will re-submit the report to NYSDEC for review and approval.
- AKRF will continue coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities in advance of remedial activities.
- AKRF will secure acceptance at the proposed disposal facilities.

If you have any questions regarding the information presented in this letter, please contact Deborah Shapiro at (646) 388-9544 or Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Senior Vice President

Michelle Lapin, P.E.
Senior Vice President

Enc.: Attachment A – Weekly Progress Reports - January 2019

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming – NYSDOH
Document Repository – Melissa Davis, NYPL Clason's Point Branch; and William Rivera, Bronx Community Board District 9
Amy Jordan – AKRF

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ATTACHMENT A

Environmental, Planning, and Engineering Consultants
440 Park Avenue South, 7th Floor
New York, NY 10016
tel: (212) 696-0670
www.akrf.com

January 4, 2019

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – December 31, 2018 to January 4, 2019
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from December 31, 2018 to January 4, 2019. The following activities were conducted:

- On January 4, 2019, AKRF submitted the Draft Remedial Action Work Plan (RAWP) to NYSDEC and the New York State Department of Health (NYSDOH).
- AKRF continued coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.

The following work is planned for the week of January 7 through January 11, 2019:

- AKRF will continue coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Senior Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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www.akrf.com

January 14, 2019

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – January 7 through 11, 2019
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from January 7 through 11, 2019. The following activities were conducted:

- On January 11, 2019, AKRF conducted a Phase I Environmental Site Assessment (ESA) inspection of the Site and surrounding area. Details of the inspection will be included in an updated Phase I ESA Report.
- AKRF continued coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.

The following work is planned for the week of January 14 through January 18, 2019:

- AKRF will continue coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.
- NYSDEC and/or the New York Stated Department of Health (NYSDOH) may approve and/or issue comments on the Remedial Investigation (RIR) and/or Draft Remedial Action Work Plan (RAWP).

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Senior Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC

Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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440 Park Avenue South, 7th Floor
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January 24, 2019

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – January 14 through 18, 2019
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from January 14 through 18, 2019. The following activities were conducted:

- AKRF continued preparing a Phase I Environmental Site Assessment (ESA) Report for the Site.
- AKRF continued coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.

The following work is planned for the week of January 21 through January 25, 2019:

- AKRF will continue coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.
- NYSDEC and/or the New York Stated Department of Health (NYSDOH) will approve or issue comments on the Remedial Investigation (RIR) and the Remedial Action Work Plan (RAWP).

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Senior Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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440 Park Avenue South, 7th Floor
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tel: (212) 696-0670
www.akrf.com

January 30, 2019

Ms. Alicia Barraza
Project Manager, Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233-7016

Re: Weekly Progress Report – January 21 through 25, 2019
1675 Apartments
1675-1679 Westchester Avenue, Bronx, New York
NYSDEC BCP Site No. C203107

Dear Ms. Barraza:

This Weekly Progress Report was prepared by AKRF, Inc. (AKRF) to summarize the work performed at the 1675 Apartments Site located at 1675-1679 Westchester Avenue in the Bronx, New York [New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C203107] from January 21 through 25, 2019. The following activities were conducted:

- AKRF continued preparing a Phase I Environmental Site Assessment (ESA) Report for the Site.
- AKRF continued coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.
- AKRF received comments on the Remedial Investigation (RIR) in a January 25, 2019 NYSDEC-issued letter.

The following work is planned for the week of January 28 through February 1, 2019:

- AKRF will continue coordinating with waste brokers to gain soil/fill acceptance at proposed disposal facilities.
- AKRF will finalize the Phase I ESA report.
- AKRF will begin revising the RIR for resubmission to NYSDEC and the New York State Department of Health (NYSDOH).
- NYSDEC and/or NYSDOH will approve or issue comments on the Remedial Action Work Plan (RAWP).

If you have any questions regarding the information presented in this letter, please contact Amy Jordan at (646) 388-9864.

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Senior Vice President

Amy Jordan
Senior Environmental Professional

cc: Michael Wadman, Nicole Ogg, Ralph Declet – 1675 JV Associates LLC and 1675 Westchester Avenue Housing Development Fund Corporation
Grace Nam – NYSDEC
Justin Deming, Angela Martin – NYSDOH
Samantha Catalanotto – NYCOER
Michelle Lapin, P.E. – AKRF

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