



LAUREL ENVIRONMENTAL GEOSCIENCES, DPC

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June 2021

**Progress Report; 27-09 40th Avenue Site, Queens County, Long Island City, NY 11101
– Site Number C241241**

Background

In accordance with Article XI – Progress Reports of the Brownfield Cleanup Agreement (“BCA”) for the above referenced site, **Laurel Environmental Geosciences, DPC**. (“**Laurel**”) prepared this progress report on behalf of 40th Ave Dutch Kills Realty LLC (“Volunteer”), to summarize the work performed at the site between January 10, 2021, and June 10, 2021.

The Volunteer entered into a BCA with the NYSDEC on April 14, 2020, to investigate and remediate the approximately 0.4-acre site (Block 397, Lots 33, 35, and 39). Following a Remedial Investigation Report (“RIR”) by Athenica Environmental Services, Inc., dated August 2019, a supplemental remediation investigation (“SRI”) was developed by **Laurel** to address the data gaps in the Remedial Investigation. The SRI report was approved by the NYSDEC on June 17, 2020. To address the contamination at the Site, a remedial action work plan (“RAWP”) was developed by The Chazen Companies and approved by the NYSDEC on May 26, 2021. The site is currently undeveloped. In anticipation of future disposal requirements, a waste characterization sampling work plan was developed and implemented in May 2021.

Work Conducted During This Period

During this reporting period, the waste characterization sampling work plan previously developed by **Laurel**, dated February 10, 2021, was implemented. The field work was conducted on May 26, 27, and 28, 2021. A total of thirty-five (35) soil borings were conducted and eighty-one (81) soil samples were collected as part of the waste characterization process. No new areas of concern (“AOCs”) were identified at the Site based on the field screening of subsurface soils; all soils were consistent with previous observations made by **Laurel** during implementation of the SRI. At the request of the NYSDEC, an additional soil boring (SB-301) was performed during the waste characterization mobilization in proximity to the previously installed monitoring well MW-110. The soil core was field screened with a photoionization detector (“PID”) and one (1) grab sample was collected from the interval with the highest PID reading for VOC analysis. The resultant laboratory analysis from SB-301 found no exceedances of the NYSDEC Protection of Groundwater Standards.

Approved Modifications to the RAWP During This Period

The RAWP was approved by the NYSDEC on May 26, 2021. No modifications have been made since this date.

Future Implementation of the RAWP

RAWP activities are anticipated to begin in June 2021.

Results of Sampling, Testing, or Other Relevant Data

Elevated concentrations of PCE were encountered in shallow historic fill (0-4') soil samples collected from quadrants 2 and 4 at locations proximate to the former sewer drain line previously investigated as part of AOC 2. Analytical results are generally consistent with SRI results with the exception of 1.4mg/kg PCE at WC-CS-Q2 at 7 to 9'. Any exceedances of the NYSDEC Part 360 General Fill standards are summarized on the attached figure. Please refer to attach laboratory data packages and summary data tables for the remainder of the sampling results.

Deliverables Submitted During this Reporting Period

The final RAWP was submitted and approved during this reporting period.

Percentage of RAWP Implemented

0% complete.

Unresolved Delays Encountered or Anticipated That May Affect the Schedule and Mitigation Efforts

None in this period.

Community Participation (CP) Plan Activities During This Reporting Period

June 2021 Fact Sheet translated and provided to NYSDEC for distribution.

Activities Anticipated in Support of the CP Plan for the Next Reporting Period

None anticipated.

Miscellaneous Information

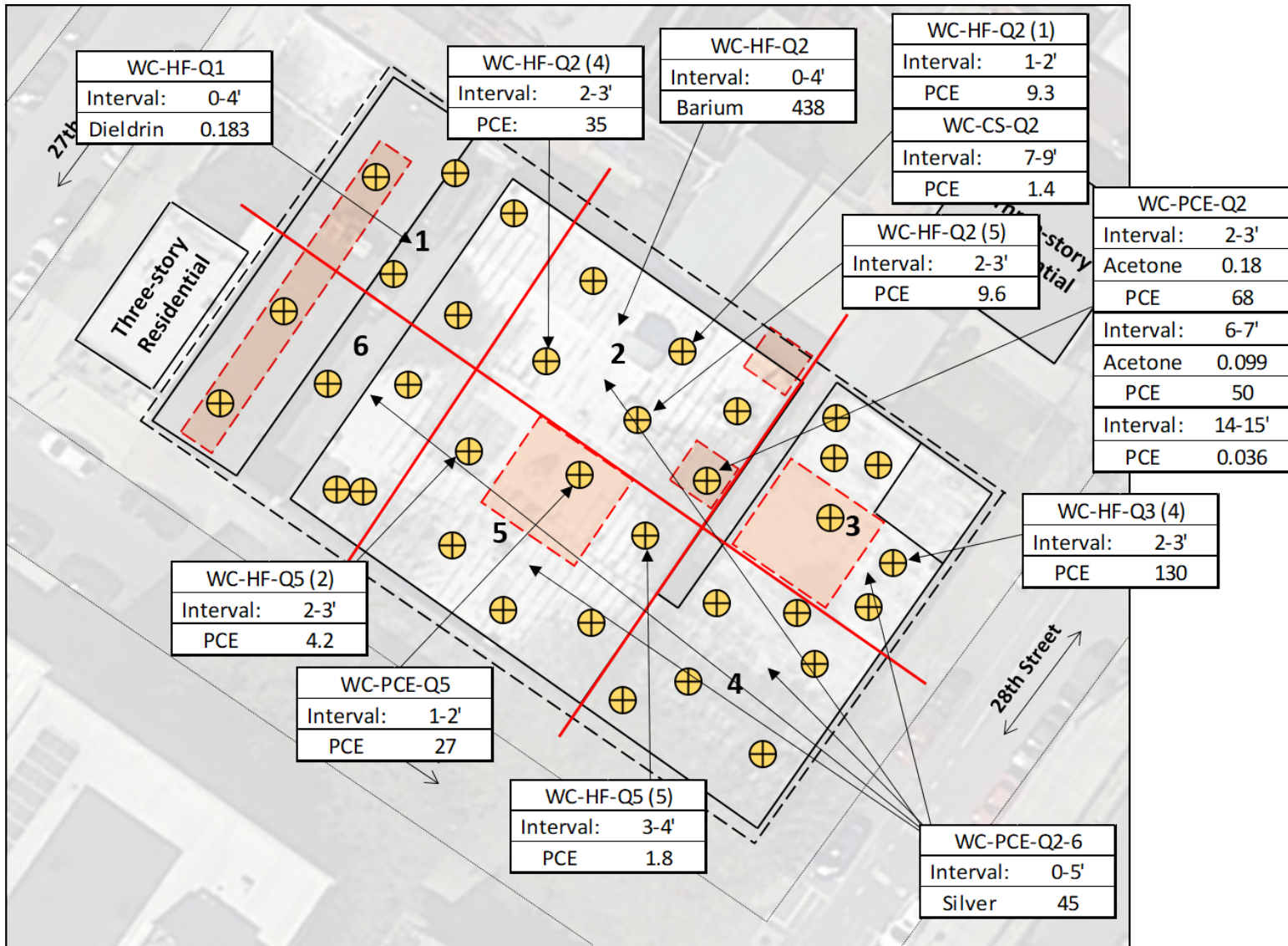
Pre-design sampling expected to be conducted late June 2021. Implementation of RAWP expected to be begin July 2021.

Respectfully submitted,

Laurel Environmental Geosciences, DPC.



Jamie Burgher
Geologist II



Exceedances are versus NYSDEC Part 360 General Fill



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FIGURE 1.0:
Waste Characterization Sampling Results with Exceedances Only

27-09 40th Avenue, Long Island City, New York

PROJECT #: 19-410
DRAWING DATE: 6-9-21
DRAWN BY: JB
CHECKED BY: SY
REVISIONS: NA

KEY All units in mg/Kg
 Soil boring location
 Area of concern
 Site boundary

Scale

 0' 20'



Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW	SB 301 14' 21E1255-43 5/27/2021 11:05:00 AM Soil	
Compound	CAS Number		Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg	
Dilution Factor			1	
Tetrachloroethylene	127-18-4	1.3	0.0270	
Total Solids			%	
Dilution Factor			1	
% Solids	solids	~	92.800	

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

DISCLAIMER:

York Analytical Laboratories, Inc. is providing this information as a convenience to you. York makes no representations or warranties that these data are accurate, complete or represent the latest regulatory authority limits or analytes. York is not responsible for any errors or omissions in these specific regulations. Your use of these data constitute your understanding of these limitations and you agree to hold York harmless from any and all action that may arise from use of said information. As regulations change often, we encourage the user to review the regulatory limits and lists of interest to confirm these data.

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q3-4' 21E1205-11 5/26/2021 12:40:00 PM Soil		WC-PCE-Q3-11-12' 21E1205-12 5/26/2021 1:00:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
1,1,2-Trichloroethane	79-00-5	~	0.00260	U	0.00350	U
1,3,5-Trimethylbenzene	108-67-8	8.4	0.00260	U	0.00350	U
2-Butanone	78-93-3	0.12	0.00260	U	0.00350	U
Acetone	67-64-1	0.05	0.00520	U	0.00690	U
Methyl acetate	79-20-9	~	0.00260	U	0.00350	U
Methylene chloride	75-09-2	0.05	0.00520	U	0.00690	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.00260	U	0.00350	U
Tetrachloroethylene	127-18-4	1.3	0.130		0.0260	
Trichloroethylene	79-01-6	0.47	0.00260	U	0.00350	U
Volatile Organics, TCLP RCRA List		mg/Kg				
Dilution Factor						
Tetrachloroethylene	127-18-4	1.3	NT		NT	
Semi-Volatiles, TCLP RCRA Target List		mg/Kg				
Dilution Factor						
Pesticides, 8081 target list		mg/Kg				
Dilution Factor						
NJDEP EPH (Cat. 2 Non-Fractionated)						
Dilution Factor						
Total EPH		~	NT		NT	
Metals, Target Analyte		mg/Kg				
Dilution Factor						
Aluminum	7429-90-5	~	NT		NT	
Arsenic	7440-38-2	16	NT		NT	
Barium	7440-39-3	350	NT		NT	
Cadmium	7440-43-9	2.5	NT		NT	
Calcium	7440-70-2	~	NT		NT	
Chromium	7440-47-3	~	NT		NT	
Cobalt	7440-48-4	~	NT		NT	
Copper	7440-50-8	270	NT		NT	
Iron	7439-89-6	~	NT		NT	
Lead	7439-92-1	400	NT		NT	
Magnesium	7439-95-4	~	NT		NT	
Manganese	7439-96-5	2000	NT		NT	
Potassium	7440-09-7	~	NT		NT	

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q3-4' 21E1205-11 5/26/2021 12:40:00 PM Soil		WC-PCE-Q3-11-12' 21E1205-12 5/26/2021 1:00:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Silver	7440-22-4	8.3	NT		NT	
Sodium	7440-23-5	~	NT		NT	
Vanadium	7440-62-2	~	NT		NT	
Zinc	7440-66-6	2200	NT		NT	
Mercury by 7473		mg/Kg				
Dilution Factor						
Mercury	7439-97-6	0.73	NT		NT	
TCLP Extraction for SVOCS/PEST/HERB						
Dilution Factor						
TCLP Extraction		~	NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE						
Dilution Factor						
TCLP Extraction		~	NT		NT	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	96.500		76.900	
Herbicides, Target List		mg/Kg				
Dilution Factor						
Polychlorinated Biphenyls (PCB)		mg/Kg				
Dilution Factor						

NOTES:

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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 360.13 General Fill	WC-PCE-Q3-26' 21E1205-13 5/26/2021 1:20:00 PM Soil		WC-PCE-Q3-15-30' 21E1205-14 5/26/2021 1:30:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg			
Dilution Factor			1			
1,1,2-Trichloroethane	79-00-5	~	0.00230	U	NT	
1,3,5-Trimethylbenzene	108-67-8	8.4	0.00230	U	NT	
2-Butanone	78-93-3	0.12	0.00230	U	NT	
Acetone	67-64-1	0.05	0.0220		NT	
Methyl acetate	79-20-9	~	0.00230	U	NT	
Methylene chloride	75-09-2	0.05	0.00470	U	NT	
tert-Butyl alcohol (TBA)	75-65-0	~	0.00230	U	NT	
Tetrachloroethylene	127-18-4	1.3	0.170		NT	
Trichloroethylene	79-01-6	0.47	0.00230	U	NT	
Volatile Organics, TCLP RCRA List		mg/Kg			mg/L	
Dilution Factor					10	
Tetrachloroethylene	127-18-4	1.3	NT		0.0250	U
Semi-Volatiles, TCLP RCRA Target List		mg/Kg			mg/L	
Dilution Factor					1	
Pesticides, 8081 target list		mg/Kg			mg/Kg	
Dilution Factor					5	
NJDEP EPH (Cat. 2 Non-Fractionated)					mg/kg	
Dilution Factor					1	
Total EPH		~	NT		54.300	U
Metals, Target Analyte		mg/Kg			mg/Kg	
Dilution Factor					1	
Aluminum	7429-90-5	~	NT		9,940	
Arsenic	7440-38-2	16	NT		1.660	U
Barium	7440-39-3	350	NT		45.300	
Cadmium	7440-43-9	2.5	NT		0.806	
Calcium	7440-70-2	~	NT		3,560	B
Chromium	7440-47-3	~	NT		21.800	
Cobalt	7440-48-4	~	NT		8.690	
Copper	7440-50-8	270	NT		130	
Iron	7439-89-6	~	NT		14,300	B
Lead	7439-92-1	400	NT		4.650	
Magnesium	7439-95-4	~	NT		4,550	
Manganese	7439-96-5	2000	NT		345	
Potassium	7440-09-7	~	NT		6,380	B

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q3-26' 21E1205-13 5/26/2021 1:20:00 PM Soil		WC-PCE-Q3-15-30' 21E1205-14 5/26/2021 1:30:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Silver	7440-22-4	8.3	NT		0.554	U
Sodium	7440-23-5	~	NT		337	
Vanadium	7440-62-2	~	NT		23.200	
Zinc	7440-66-6	2200	NT		597	
Mercury by 7473		mg/Kg			mg/Kg	
Dilution Factor					1	
Mercury	7439-97-6	0.73	NT		0.0332	U
TCLP Extraction for SVOCS/PEST/HERB					N/A	
Dilution Factor					1	
TCLP Extraction		~	NT		Completed	
TCLP Extraction for VOA by EPA 1311 ZHE					N/A	
Dilution Factor					1	
TCLP Extraction		~	NT		Completed	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	96.700		90.300	
Herbicides, Target List		mg/Kg			mg/Kg	
Dilution Factor					1	
Polychlorinated Biphenyls (PCB)		mg/Kg			mg/Kg	
Dilution Factor					1	

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Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q4-3' 21E1205-15 5/26/2021 2:40:00 PM Soil		WC-PCE-Q4-7' 21E1205-16 5/26/2021 2:45:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
1,1,2-Trichloroethane	79-00-5	~	0.00290	U	0.00230	U
1,3,5-Trimethylbenzene	108-67-8	8.4	0.00290	U	0.00230	U
2-Butanone	78-93-3	0.12	0.00290	U	0.00230	U
Acetone	67-64-1	0.05	0.00580	U	0.00450	U
Methyl acetate	79-20-9	~	0.00290	U	0.00230	U
Methylene chloride	75-09-2	0.05	0.00880	J	0.00450	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.00290	U	0.00230	U
Tetrachloroethylene	127-18-4	1.3	0.120		0.0840	
Trichloroethylene	79-01-6	0.47	0.00290	U	0.00230	U
Volatile Organics, TCLP RCRA List		mg/Kg				
Dilution Factor						
Tetrachloroethylene	127-18-4	1.3	NT		NT	
Semi-Volatiles, TCLP RCRA Target List		mg/Kg				
Dilution Factor						
Pesticides, 8081 target list		mg/Kg				
Dilution Factor						
NJDEP EPH (Cat. 2 Non-Fractionated)						
Dilution Factor						
Total EPH		~	NT		NT	
Metals, Target Analyte		mg/Kg				
Dilution Factor						
Aluminum	7429-90-5	~	NT		NT	
Arsenic	7440-38-2	16	NT		NT	
Barium	7440-39-3	350	NT		NT	
Cadmium	7440-43-9	2.5	NT		NT	
Calcium	7440-70-2	~	NT		NT	
Chromium	7440-47-3	~	NT		NT	
Cobalt	7440-48-4	~	NT		NT	
Copper	7440-50-8	270	NT		NT	
Iron	7439-89-6	~	NT		NT	
Lead	7439-92-1	400	NT		NT	
Magnesium	7439-95-4	~	NT		NT	
Manganese	7439-96-5	2000	NT		NT	
Potassium	7440-09-7	~	NT		NT	

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q4-3' 21E1205-15 5/26/2021 2:40:00 PM Soil		WC-PCE-Q4-7' 21E1205-16 5/26/2021 2:45:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Silver	7440-22-4	8.3	NT		NT	
Sodium	7440-23-5	~	NT		NT	
Vanadium	7440-62-2	~	NT		NT	
Zinc	7440-66-6	2200	NT		NT	
Mercury by 7473		mg/Kg				
Dilution Factor						
Mercury	7439-97-6	0.73	NT		NT	
TCLP Extraction for SVOCS/PEST/HERB						
Dilution Factor						
TCLP Extraction		~	NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE						
Dilution Factor						
TCLP Extraction		~	NT		NT	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	89.400		82	
Herbicides, Target List		mg/Kg				
Dilution Factor						
Polychlorinated Biphenyls (PCB)		mg/Kg				
Dilution Factor						

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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 360.13 General Fill	WC-PCE-Q4-12' 21E1205-18 5/26/2021 2:45:00 PM Soil		WC-PCE-Q2 2' 21E1255-10 5/27/2021 10:10:00 AM Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		500	
1,1,2-Trichloroethane	79-00-5	~	0.00300	U	0.00280	U
1,3,5-Trimethylbenzene	108-67-8	8.4	0.00300	U	0.00280	U
2-Butanone	78-93-3	0.12	0.00300	U	0.0190	
Acetone	67-64-1	0.05	0.00610	J	0.2	
Methyl acetate	79-20-9	~	0.00300	U	0.00530	J
Methylene chloride	75-09-2	0.05	0.0110	J	0.00560	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.00300	U	0.00280	U
Tetrachloroethylene	127-18-4	1.3	0.00310	J	68	D
Trichloroethylene	79-01-6	0.47	0.00300	U	0.0260	
Volatile Organics, TCLP RCRA List		mg/Kg				
Dilution Factor						
Tetrachloroethylene	127-18-4	1.3	NT		NT	
Semi-Volatiles, TCLP RCRA Target List		mg/Kg				
Dilution Factor						
Pesticides, 8081 target list		mg/Kg				
Dilution Factor						
NJDEP EPH (Cat. 2 Non-Fractionated)						
Dilution Factor						
Total EPH		~	NT		NT	
Metals, Target Analyte		mg/Kg				
Dilution Factor						
Aluminum	7429-90-5	~	NT		NT	
Arsenic	7440-38-2	16	NT		NT	
Barium	7440-39-3	350	NT		NT	
Cadmium	7440-43-9	2.5	NT		NT	
Calcium	7440-70-2	~	NT		NT	
Chromium	7440-47-3	~	NT		NT	
Cobalt	7440-48-4	~	NT		NT	
Copper	7440-50-8	270	NT		NT	
Iron	7439-89-6	~	NT		NT	
Lead	7439-92-1	400	NT		NT	
Magnesium	7439-95-4	~	NT		NT	
Manganese	7439-96-5	2000	NT		NT	
Potassium	7440-09-7	~	NT		NT	

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q4-12' 21E1205-18 5/26/2021 2:45:00 PM Soil		WC-PCE-Q2 2' 21E1255-10 5/27/2021 10:10:00 AM Soil	
Compound	CAS Number		Result	Q	Result	Q
Silver	7440-22-4	8.3	NT		NT	
Sodium	7440-23-5	~	NT		NT	
Vanadium	7440-62-2	~	NT		NT	
Zinc	7440-66-6	2200	NT		NT	
Mercury by 7473		mg/Kg				
Dilution Factor						
Mercury	7439-97-6	0.73	NT		NT	
TCLP Extraction for SVOCS/PEST/HERB						
Dilution Factor						
TCLP Extraction		~	NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE						
Dilution Factor						
TCLP Extraction		~	NT		NT	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	90.800		89.500	
Herbicides, Target List		mg/Kg				
Dilution Factor						
Polychlorinated Biphenyls (PCB)		mg/Kg				
Dilution Factor						

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Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q2 6' 21E1255-11 5/27/2021 10:15:00 AM Soil		WC-PCE-Q2 14' 21E1255-12 5/27/2021 10:20:00 AM Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			500		1	
1,1,2-Trichloroethane	79-00-5	~	0.00440	J	0.00310	U
1,3,5-Trimethylbenzene	108-67-8	8.4	0.00270	U	0.00310	U
2-Butanone	78-93-3	0.12	0.0130		0.00440	J
Acetone	67-64-1	0.05	0.1		0.0190	
Methyl acetate	79-20-9	~	0.00270	U	0.00310	U
Methylene chloride	75-09-2	0.05	0.00540	U	0.00620	U
tert-Butyl alcohol (TBA)	75-65-0	~	0.00290	J	0.00310	U
Tetrachloroethylene	127-18-4	1.3	50	D	0.0360	
Trichloroethylene	79-01-6	0.47	0.00320	J	0.00310	U
Volatile Organics, TCLP RCRA List		mg/Kg				
Dilution Factor						
Tetrachloroethylene	127-18-4	1.3	NT		NT	
Semi-Volatiles, TCLP RCRA Target List		mg/Kg				
Dilution Factor						
Pesticides, 8081 target list		mg/Kg				
Dilution Factor						
NJDEP EPH (Cat. 2 Non-Fractionated)						
Dilution Factor						
Total EPH		~	NT		NT	
Metals, Target Analyte		mg/Kg				
Dilution Factor						
Aluminum	7429-90-5	~	NT		NT	
Arsenic	7440-38-2	16	NT		NT	
Barium	7440-39-3	350	NT		NT	
Cadmium	7440-43-9	2.5	NT		NT	
Calcium	7440-70-2	~	NT		NT	
Chromium	7440-47-3	~	NT		NT	
Cobalt	7440-48-4	~	NT		NT	
Copper	7440-50-8	270	NT		NT	
Iron	7439-89-6	~	NT		NT	
Lead	7439-92-1	400	NT		NT	
Magnesium	7439-95-4	~	NT		NT	
Manganese	7439-96-5	2000	NT		NT	
Potassium	7440-09-7	~	NT		NT	

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q2 6' 21E1255-11 5/27/2021 10:15:00 AM Soil		WC-PCE-Q2 14' 21E1255-12 5/27/2021 10:20:00 AM Soil	
Compound	CAS Number		Result	Q	Result	Q
Silver	7440-22-4	8.3	NT		NT	
Sodium	7440-23-5	~	NT		NT	
Vanadium	7440-62-2	~	NT		NT	
Zinc	7440-66-6	2200	NT		NT	
Mercury by 7473		mg/Kg				
Dilution Factor						
Mercury	7439-97-6	0.73	NT		NT	
TCLP Extraction for SVOCS/PEST/HERB						
Dilution Factor						
TCLP Extraction		~	NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE						
Dilution Factor						
TCLP Extraction		~	NT		NT	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	91.800		93.400	
Herbicides, Target List		mg/Kg				
Dilution Factor						
Polychlorinated Biphenyls (PCB)		mg/Kg				
Dilution Factor						

NOTES:

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B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encounter

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there

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 360.13 General Fill	WC-PCE-Q2 0-5' 21E1255-13 5/27/2021 10:25:00 AM Soil		WC-PCE-Q2&4 5-10' 21E1255-14 5/27/2021 10:27:00 AM Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg				
Dilution Factor						
1,1,2-Trichloroethane	79-00-5	~	NT			NT
1,3,5-Trimethylbenzene	108-67-8	8.4	NT			NT
2-Butanone	78-93-3	0.12	NT			NT
Acetone	67-64-1	0.05	NT			NT
Methyl acetate	79-20-9	~	NT			NT
Methylene chloride	75-09-2	0.05	NT			NT
tert-Butyl alcohol (TBA)	75-65-0	~	NT			NT
Tetrachloroethylene	127-18-4	1.3	NT			NT
Trichloroethylene	79-01-6	0.47	NT			NT
Volatile Organics, TCLP RCRA List		mg/Kg	mg/L			mg/L
Dilution Factor			10			10
Tetrachloroethylene	127-18-4	1.3	0.0330	JD		0.0250
Semi-Volatiles, TCLP RCRA Target List		mg/Kg	mg/L			mg/L
Dilution Factor			1			1
Pesticides, 8081 target list		mg/Kg	mg/Kg			mg/Kg
Dilution Factor			5			5
NJDEP EPH (Cat. 2 Non-Fractionated)			mg/kg			mg/kg
Dilution Factor			1			1
Total EPH		~	53.400	U		51.200
Metals, Target Analyte		mg/Kg	mg/Kg			mg/Kg
Dilution Factor			1			1
Aluminum	7429-90-5	~	17,200	B		9,920
Arsenic	7440-38-2	16	5.740			2.300
Barium	7440-39-3	350	115			54.700
Cadmium	7440-43-9	2.5	0.507			0.314
Calcium	7440-70-2	~	1,640	B		1,570
Chromium	7440-47-3	~	20.800			14.900
Cobalt	7440-48-4	~	7.710			6
Copper	7440-50-8	270	33.700			14.200
Iron	7439-89-6	~	17,400			12,700
Lead	7439-92-1	400	163			140
Magnesium	7439-95-4	~	2,360	B		2,050
Manganese	7439-96-5	2000	441			360
Potassium	7440-09-7	~	2,460			2,170

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q2 0-5' 21E1255-13 5/27/2021 10:25:00 AM Soil		WC-PCE-Q2&4 5-10' 21E1255-14 5/27/2021 10:27:00 AM Soil	
Compound	CAS Number		Result	Q	Result	Q
Silver	7440-22-4	8.3	0.545	U	0.523	U
Sodium	7440-23-5	~	158	B	124	B
Vanadium	7440-62-2	~	25.600		17.300	
Zinc	7440-66-6	2200	116		52.700	
Mercury by 7473		mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Mercury	7439-97-6	0.73	0.187		0.128	
TCLP Extraction for SVOCS/PEST/HERB			N/A		N/A	
Dilution Factor			1		1	
TCLP Extraction		~	Completed		Completed	
TCLP Extraction for VOA by EPA 1311 ZHE			N/A		N/A	
Dilution Factor			1		1	
TCLP Extraction		~	Completed		Completed	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	91.700		95.700	
Herbicides, Target List		mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg		mg/Kg	
Dilution Factor			1		1	

NOTES:

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~=this indicates that no regulatory limit has been established for this analyte

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q2&4 10-15' 21E1255-15 5/27/2021 10:30:00 AM Soil		WC-PCE-Q5 1' 21E1255-39 5/27/2021 2:50:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg			mg/Kg	
Dilution Factor					500	
1,1,2-Trichloroethane	79-00-5	~	NT		0.00260	U
1,3,5-Trimethylbenzene	108-67-8	8.4	NT		0.00280	J
2-Butanone	78-93-3	0.12	NT		0.00260	U
Acetone	67-64-1	0.05	NT		0.00510	U
Methyl acetate	79-20-9	~	NT		0.00260	U
Methylene chloride	75-09-2	0.05	NT		0.00510	U
tert-Butyl alcohol (TBA)	75-65-0	~	NT		0.00260	U
Tetrachloroethylene	127-18-4	1.3	NT		27	D
Trichloroethylene	79-01-6	0.47	NT		0.0210	
Volatile Organics, TCLP RCRA List		mg/Kg	mg/L			
Dilution Factor			10			
Tetrachloroethylene	127-18-4	1.3	0.0250	U	NT	
Semi-Volatiles, TCLP RCRA Target List		mg/Kg	mg/L			
Dilution Factor			1			
Pesticides, 8081 target list		mg/Kg	mg/Kg			
Dilution Factor			5			
NJDEP EPH (Cat. 2 Non-Fractionated)			mg/kg			
Dilution Factor			1			
Total EPH		~	52.900	U	NT	
Metals, Target Analyte		mg/Kg	mg/Kg			
Dilution Factor			1			
Aluminum	7429-90-5	~	10,300	B	NT	
Arsenic	7440-38-2	16	1.620	U	NT	
Barium	7440-39-3	350	53.600		NT	
Cadmium	7440-43-9	2.5	0.323	U	NT	
Calcium	7440-70-2	~	2,090	B	NT	
Chromium	7440-47-3	~	19.500		NT	
Cobalt	7440-48-4	~	7.830		NT	
Copper	7440-50-8	270	15.200		NT	
Iron	7439-89-6	~	13,700		NT	
Lead	7439-92-1	400	59.800		NT	
Magnesium	7439-95-4	~	2,990	B	NT	
Manganese	7439-96-5	2000	375		NT	
Potassium	7440-09-7	~	4,410		NT	

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q2&4 10-15' 21E1255-15 5/27/2021 10:30:00 AM Soil		WC-PCE-Q5 1' 21E1255-39 5/27/2021 2:50:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Silver	7440-22-4	8.3	0.539	U	NT	
Sodium	7440-23-5	~	208	B	NT	
Vanadium	7440-62-2	~	22.500		NT	
Zinc	7440-66-6	2200	83.800		NT	
Mercury by 7473		mg/Kg	mg/Kg			
Dilution Factor			1			
Mercury	7439-97-6	0.73	0.0520		NT	
TCLP Extraction for SVOCS/PEST/HERB			N/A			
Dilution Factor			1			
TCLP Extraction		~	Completed		NT	
TCLP Extraction for VOA by EPA 1311 ZHE			N/A			
Dilution Factor			1			
TCLP Extraction		~	Completed		NT	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	92.700		86.200	
Herbicides, Target List		mg/Kg	mg/Kg			
Dilution Factor			1			
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/Kg			
Dilution Factor			1			

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Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q6 2' 21E1255-40 5/27/2021 3:00:00 PM Soil		WC-PCE-Q2-6 0-5' 21E1255-41 5/27/2021 3:10:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg			
Dilution Factor			1			
1,1,2-Trichloroethane	79-00-5	~	0.00290	U	NT	
1,3,5-Trimethylbenzene	108-67-8	8.4	0.00290	U	NT	
2-Butanone	78-93-3	0.12	0.00290	U	NT	
Acetone	67-64-1	0.05	0.00580	U	NT	
Methyl acetate	79-20-9	~	0.00290	U	NT	
Methylene chloride	75-09-2	0.05	0.00580	U	NT	
tert-Butyl alcohol (TBA)	75-65-0	~	0.00290	U	NT	
Tetrachloroethylene	127-18-4	1.3	0.0140		NT	
Trichloroethylene	79-01-6	0.47	0.00290	U	NT	
Volatile Organics, TCLP RCRA List		mg/Kg			mg/L	
Dilution Factor					10	
Tetrachloroethylene	127-18-4	1.3	NT		0.0250	U
Semi-Volatiles, TCLP RCRA Target List		mg/Kg			mg/L	
Dilution Factor					1	
Pesticides, 8081 target list		mg/Kg			mg/Kg	
Dilution Factor					5	
NJDEP EPH (Cat. 2 Non-Fractionated)					mg/kg	
Dilution Factor					1	
Total EPH		~	NT		262	
Metals, Target Analyte		mg/Kg			mg/Kg	
Dilution Factor					1	
Aluminum	7429-90-5	~	NT		12,300	
Arsenic	7440-38-2	16	NT		5.840	
Barium	7440-39-3	350	NT		93.700	
Cadmium	7440-43-9	2.5	NT		0.337	U
Calcium	7440-70-2	~	NT		2,120	
Chromium	7440-47-3	~	NT		27.800	
Cobalt	7440-48-4	~	NT		6.870	
Copper	7440-50-8	270	NT		25.800	
Iron	7439-89-6	~	NT		19,300	
Lead	7439-92-1	400	NT		122	
Magnesium	7439-95-4	~	NT		3,000	
Manganese	7439-96-5	2000	NT		346	
Potassium	7440-09-7	~	NT		1,120	B

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-PCE-Q6 2' 21E1255-40 5/27/2021 3:00:00 PM Soil		WC-PCE-Q2-6 0-5' 21E1255-41 5/27/2021 3:10:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q
Silver	7440-22-4	8.3	NT		45	
Sodium	7440-23-5	~	NT		105	
Vanadium	7440-62-2	~	NT		27.100	
Zinc	7440-66-6	2200	NT		99.600	
Mercury by 7473		mg/Kg			mg/Kg	
Dilution Factor					1	
Mercury	7439-97-6	0.73	NT		0.290	
TCLP Extraction for SVOCS/PEST/HERB					N/A	
Dilution Factor					1	
TCLP Extraction		~	NT		Completed	
TCLP Extraction for VOA by EPA 1311 ZHE					N/A	
Dilution Factor					1	
TCLP Extraction		~	NT		Completed	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	87.300		89	
Herbicides, Target List		mg/Kg			mg/Kg	
Dilution Factor					1	
Polychlorinated Biphenyls (PCB)		mg/Kg			mg/Kg	
Dilution Factor					1	

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Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q3-1 21E1205-01 5/26/2021 11:10:00 AM Soil		WC-HF-Q3-2 21E1205-02 5/26/2021 10:30:00 AM Soil		WC-HF-Q3-3 21E1205-03 5/26/2021 10:40:00 AM Soil	
York ID			Result	Q	Result	Q	Result	Q
Sampling Date								
Client Matrix								
Compound	CAS Number							
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg			mg/Kg		
Dilution Factor			1			1		
Acetone	67-64-1	0.05	0.00480	U		0.00870	J	
Methylene chloride	75-09-2	0.05	0.0460			0.0290		
p-Isopropyltoluene	99-87-6	~	0.00240	U		0.00260	U	
Tetrachloroethylene	127-18-4	1.3	0.00650			0.00730		
Toluene	108-88-3	0.7	0.00940			0.00260	U	
Trichloroethylene	79-01-6	0.47	0.00240	U		0.00260	U	
Volatile Organics, TCLP RCRA List		mg/Kg						
Dilution Factor								
Semi-Volatiles, TCLP RCRA Target List		mg/Kg						
Dilution Factor								
Pesticides, 8081 target list		mg/Kg						
Dilution Factor								
alpha-Chlordane	5103-71-9	0.91	NT			NT		
Chlordane, total	57-74-9	~	NT			NT		
Dieldrin	60-57-1	0.039	NT			NT		
Endrin	72-20-8	0.06	NT			NT		
gamma-Chlordane	5566-34-7	~	NT			NT		
Heptachlor	76-44-8	0.38	NT			NT		
NJDEP EPH (Cat. 2 Non-Fractionated)								
Dilution Factor								
Total EPH		~	NT			NT		
Metals, Target Analyte		mg/Kg						
Dilution Factor								
Aluminum	7429-90-5	~	NT			NT		
Arsenic	7440-38-2	16	NT			NT		
Barium	7440-39-3	350	NT			NT		
Cadmium	7440-43-9	2.5	NT			NT		
Calcium	7440-70-2	~	NT			NT		
Chromium	7440-47-3	~	NT			NT		
Cobalt	7440-48-4	~	NT			NT		

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q3-4 21E1205-04 5/26/2021 11:00:00 AM Soil		WC-HF-Q3-5 21E1205-05 5/26/2021 10:50:00 AM Soil		WC-HF-Q4-1 21E1205-06 5/26/2021 1:35:00 PM Soil	
York ID			Result	Q	Result	Q	Result	Q
Sampling Date								
Client Matrix		mg/Kg	mg/Kg	Q	mg/Kg	Q	mg/Kg	Q
Compound	CAS Number							
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			500		1		1	
Acetone	67-64-1	0.05	0.00810	J	0.00490	U	0.00790	J
Methylene chloride	75-09-2	0.05	0.0330		0.0150		0.0120	
p-Isopropyltoluene	99-87-6	~	0.00290	J	0.00240	U	0.00260	U
Tetrachloroethylene	127-18-4	1.3	130	DE	0.0130		0.00680	
Toluene	108-88-3	0.7	0.00220	U	0.00240	U	0.00260	U
Trichloroethylene	79-01-6	0.47	0.00220	U	0.00240	U	0.00260	U
Volatile Organics, TCLP RCRA List		mg/Kg						
Dilution Factor								
Semi-Volatiles, TCLP RCRA Target List		mg/Kg						
Dilution Factor								
Pesticides, 8081 target list		mg/Kg						
Dilution Factor								
alpha-Chlordane	5103-71-9	0.91	NT		NT		NT	
Chlordane, total	57-74-9	~	NT		NT		NT	
Dieldrin	60-57-1	0.039	NT		NT		NT	
Endrin	72-20-8	0.06	NT		NT		NT	
gamma-Chlordane	5566-34-7	~	NT		NT		NT	
Heptachlor	76-44-8	0.38	NT		NT		NT	
NJDEP EPH (Cat. 2 Non-Fractionated)								
Dilution Factor								
Total EPH		~	NT		NT		NT	
Metals, Target Analyte		mg/Kg						
Dilution Factor								
Aluminum	7429-90-5	~	NT		NT		NT	
Arsenic	7440-38-2	16	NT		NT		NT	
Barium	7440-39-3	350	NT		NT		NT	
Cadmium	7440-43-9	2.5	NT		NT		NT	
Calcium	7440-70-2	~	NT		NT		NT	
Chromium	7440-47-3	~	NT		NT		NT	
Cobalt	7440-48-4	~	NT		NT		NT	

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q4-2 21E1205-07 5/26/2021 1:40:00 PM Soil		WC-HF-Q4-3 21E1205-08 5/26/2021 1:45:00 PM Soil		WC-HF-Q4-4 21E1205-09 5/26/2021 1:55:00 PM Soil	
York ID			Result	Q	Result	Q	Result	Q
Sampling Date								
Client Matrix								
Compound	CAS Number							
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg			mg/Kg		
Dilution Factor			1			1		
Acetone	67-64-1	0.05	0.00500	U		0.00470	U	
Methylene chloride	75-09-2	0.05	0.0140			0.0120		
p-Isopropyltoluene	99-87-6	~	0.00250	U		0.00230	U	
Tetrachloroethylene	127-18-4	1.3	0.00360	J		0.00480		
Toluene	108-88-3	0.7	0.00250	U		0.00230	U	
Trichloroethylene	79-01-6	0.47	0.00250	U		0.00230	U	
Volatile Organics, TCLP RCRA List		mg/Kg						
Dilution Factor								
Semi-Volatiles, TCLP RCRA Target List		mg/Kg						
Dilution Factor								
Pesticides, 8081 target list		mg/Kg						
Dilution Factor								
alpha-Chlordane	5103-71-9	0.91	NT			NT		
Chlordane, total	57-74-9	~	NT			NT		
Dieldrin	60-57-1	0.039	NT			NT		
Endrin	72-20-8	0.06	NT			NT		
gamma-Chlordane	5566-34-7	~	NT			NT		
Heptachlor	76-44-8	0.38	NT			NT		
NJDEP EPH (Cat. 2 Non-Fractionated)								
Dilution Factor								
Total EPH		~	NT			NT		
Metals, Target Analyte		mg/Kg						
Dilution Factor								
Aluminum	7429-90-5	~	NT			NT		
Arsenic	7440-38-2	16	NT			NT		
Barium	7440-39-3	350	NT			NT		
Cadmium	7440-43-9	2.5	NT			NT		
Calcium	7440-70-2	~	NT			NT		
Chromium	7440-47-3	~	NT			NT		
Cobalt	7440-48-4	~	NT			NT		

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-HF-Q4-2 21E1205-07 5/26/2021 1:40:00 PM Soil		WC-HF-Q4-3 21E1205-08 5/26/2021 1:45:00 PM Soil		WC-HF-Q4-4 21E1205-09 5/26/2021 1:55:00 PM Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q
Copper	7440-50-8	270	NT		NT		NT	
Iron	7439-89-6	~	NT		NT		NT	
Lead	7439-92-1	400	NT		NT		NT	
Magnesium	7439-95-4	~	NT		NT		NT	
Manganese	7439-96-5	2000	NT		NT		NT	
Nickel	7440-02-0	130	NT		NT		NT	
Potassium	7440-09-7	~	NT		NT		NT	
Sodium	7440-23-5	~	NT		NT		NT	
Vanadium	7440-62-2	~	NT		NT		NT	
Zinc	7440-66-6	2200	NT		NT		NT	
Mercury by 7473		mg/Kg						
Dilution Factor								
Mercury	7439-97-6	0.73	NT		NT		NT	
TCLP Extraction for SVOCs/PEST/HERB								
Dilution Factor								
TCLP Extraction		~	NT		NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE								
Dilution Factor								
TCLP Extraction		~	NT		NT		NT	
Total Solids			%		%		%	
Dilution Factor			1		1		1	
% Solids	solids	~	98.400		97.200		88.200	
Herbicides, Target List		mg/Kg						
Dilution Factor								
Polychlorinated Biphenyls (PCB)		mg/Kg						
Dilution Factor								

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q4-5 21E1205-10 5/26/2021 1:50:00 PM Soil		WC-HF-Q2-1 1' 21E1255-01 5/27/2021 9:40:00 AM Soil		WC-HF-Q2-2 4' 21E1255-02 5/27/2021 9:35:00 AM Soil	
York ID	CAS Number		Result	Q	Result	Q	Result	Q
Sampling Date			Client Matrix					
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		100		100	
Acetone	67-64-1	0.05	0.00580	U	0.0410		0.0220	
Methylene chloride	75-09-2	0.05	0.0130		0.00570	U	0.00450	U
p-Isopropyltoluene	99-87-6	~	0.00290	U	0.00280	U	0.00220	U
Tetrachloroethylene	127-18-4	1.3	0.0610		9.3	D	0.900	D
Toluene	108-88-3	0.7	0.00290	U	0.00280	U	0.00220	U
Trichloroethylene	79-01-6	0.47	0.00290	U	0.00280	U	0.00220	U
Volatile Organics, TCLP RCRA List		mg/Kg						
Dilution Factor								
Semi-Volatiles, TCLP RCRA Target List		mg/Kg						
Dilution Factor								
Pesticides, 8081 target list		mg/Kg						
Dilution Factor								
alpha-Chlordane	5103-71-9	0.91	NT		NT		NT	
Chlordane, total	57-74-9	~	NT		NT		NT	
Dieldrin	60-57-1	0.039	NT		NT		NT	
Endrin	72-20-8	0.06	NT		NT		NT	
gamma-Chlordane	5566-34-7	~	NT		NT		NT	
Heptachlor	76-44-8	0.38	NT		NT		NT	
NJDEP EPH (Cat. 2 Non-Fractionated)								
Dilution Factor								
Total EPH		~	NT		NT		NT	
Metals, Target Analyte		mg/Kg						
Dilution Factor								
Aluminum	7429-90-5	~	NT		NT		NT	
Arsenic	7440-38-2	16	NT		NT		NT	
Barium	7440-39-3	350	NT		NT		NT	
Cadmium	7440-43-9	2.5	NT		NT		NT	
Calcium	7440-70-2	~	NT		NT		NT	
Chromium	7440-47-3	~	NT		NT		NT	
Cobalt	7440-48-4	~	NT		NT		NT	

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q2-3 4'		WC-HF-Q2-4 2'		WC-HF-Q2-5 2'	
York ID			21E1255-03		21E1255-04		21E1255-05	
Sampling Date			5/27/2021 9:15:00 AM		5/27/2021 9:30:00 AM		5/27/2021 9:20:00 AM	
Client Matrix			Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		500		100	
Acetone	67-64-1	0.05	0.0230		0.0250		0.00870	J
Methylene chloride	75-09-2	0.05	0.00510	U	0.0140	J	0.0140	
p-Isopropyltoluene	99-87-6	~	0.00260	U	0.00390	U	0.00270	U
Tetrachloroethylene	127-18-4	1.3	0.0220		35	D	9.6	D
Toluene	108-88-3	0.7	0.00260	U	0.00390	U	0.00270	U
Trichloroethylene	79-01-6	0.47	0.00260	U	0.0160		0.00960	
Volatile Organics, TCLP RCRA List		mg/Kg						
Dilution Factor								
Semi-Volatiles, TCLP RCRA Target List		mg/Kg						
Dilution Factor								
Pesticides, 8081 target list		mg/Kg						
Dilution Factor								
alpha-Chlordane	5103-71-9	0.91	NT		NT		NT	
Chlordane, total	57-74-9	~	NT		NT		NT	
Dieldrin	60-57-1	0.039	NT		NT		NT	
Endrin	72-20-8	0.06	NT		NT		NT	
gamma-Chlordane	5566-34-7	~	NT		NT		NT	
Heptachlor	76-44-8	0.38	NT		NT		NT	
NJDEP EPH (Cat. 2 Non-Fractionated)								
Dilution Factor								
Total EPH		~	NT		NT		NT	
Metals, Target Analyte		mg/Kg						
Dilution Factor								
Aluminum	7429-90-5	~	NT		NT		NT	
Arsenic	7440-38-2	16	NT		NT		NT	
Barium	7440-39-3	350	NT		NT		NT	
Cadmium	7440-43-9	2.5	NT		NT		NT	
Calcium	7440-70-2	~	NT		NT		NT	
Chromium	7440-47-3	~	NT		NT		NT	
Cobalt	7440-48-4	~	NT		NT		NT	

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q5-1 3'		WC-HF-Q5-2 2'		WC-HF-Q5-3 4'
York ID			21E1255-16		21E1255-17		21E1255-18
Sampling Date			5/27/2021 11:45:00 AM		5/27/2021 11:40:00 AM		5/27/2021 11:35:00 AM
Client Matrix			Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg
Dilution Factor			1		100		1
Acetone	67-64-1	0.05	0.00490	U	0.00480	U	0.00530
Methylene chloride	75-09-2	0.05	0.00600	J	0.00480	U	0.00530
p-Isopropyltoluene	99-87-6	~	0.00240	U	0.00240	U	0.00260
Tetrachloroethylene	127-18-4	1.3	0.00970		4.2	D	0.0100
Toluene	108-88-3	0.7	0.00240	U	0.00240	U	0.00260
Trichloroethylene	79-01-6	0.47	0.00240	U	0.00240	U	0.00260
Volatile Organics, TCLP RCRA List		mg/Kg					
Dilution Factor							
Semi-Volatiles, TCLP RCRA Target List		mg/Kg					
Dilution Factor							
Pesticides, 8081 target list		mg/Kg					
Dilution Factor							
alpha-Chlordane	5103-71-9	0.91	NT		NT		NT
Chlordane, total	57-74-9	~	NT		NT		NT
Dieldrin	60-57-1	0.039	NT		NT		NT
Endrin	72-20-8	0.06	NT		NT		NT
gamma-Chlordane	5566-34-7	~	NT		NT		NT
Heptachlor	76-44-8	0.38	NT		NT		NT
NJDEP EPH (Cat. 2 Non-Fractionated)							
Dilution Factor							
Total EPH		~	NT		NT		NT
Metals, Target Analyte		mg/Kg					
Dilution Factor							
Aluminum	7429-90-5	~	NT		NT		NT
Arsenic	7440-38-2	16	NT		NT		NT
Barium	7440-39-3	350	NT		NT		NT
Cadmium	7440-43-9	2.5	NT		NT		NT
Calcium	7440-70-2	~	NT		NT		NT
Chromium	7440-47-3	~	NT		NT		NT
Cobalt	7440-48-4	~	NT		NT		NT

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q5-1 3'		WC-HF-Q5-2 2'		WC-HF-Q5-3 4'
York ID			21E1255-16		21E1255-17		21E1255-18
Sampling Date			5/27/2021 11:45:00 AM		5/27/2021 11:40:00 AM		5/27/2021 11:35:00 AM
Client Matrix			Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result
Copper	7440-50-8	270	NT		NT		NT
Iron	7439-89-6	~	NT		NT		NT
Lead	7439-92-1	400	NT		NT		NT
Magnesium	7439-95-4	~	NT		NT		NT
Manganese	7439-96-5	2000	NT		NT		NT
Nickel	7440-02-0	130	NT		NT		NT
Potassium	7440-09-7	~	NT		NT		NT
Sodium	7440-23-5	~	NT		NT		NT
Vanadium	7440-62-2	~	NT		NT		NT
Zinc	7440-66-6	2200	NT		NT		NT
Mercury by 7473		mg/Kg					
Dilution Factor							
Mercury	7439-97-6	0.73	NT		NT		NT
TCLP Extraction for SVOCs/PEST/HERB							
Dilution Factor							
TCLP Extraction		~	NT		NT		NT
TCLP Extraction for VOA by EPA 1311 ZHE							
Dilution Factor							
TCLP Extraction		~	NT		NT		NT
Total Solids			%		%		%
Dilution Factor			1		1		1
% Solids	solids	~	96.800		85		97.300
Herbicides, Target List		mg/Kg					
Dilution Factor							
Polychlorinated Biphenyls (PCB)		mg/Kg					
Dilution Factor							

Sample ID		NYSDEC Part 360.13 General Fill	AM	WC-HF-Q5-4 2'		WC-HF-Q5-5 3'	
York ID				21E1255-19		21E1255-20	
Sampling Date				5/27/2021 11:33:00 AM		5/27/2021 11:30:00 AM	
Client Matrix				Soil		Soil	
Compound	CAS Number		Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		100	
Acetone	67-64-1	0.05	U	0.00590	U	0.00480	U
Methylene chloride	75-09-2	0.05	U	0.00590	U	0.00480	U
p-Isopropyltoluene	99-87-6	~	U	0.00290	U	0.00240	U
Tetrachloroethylene	127-18-4	1.3		0.0720		1.8	D
Toluene	108-88-3	0.7	U	0.00290	U	0.00240	U
Trichloroethylene	79-01-6	0.47	U	0.00290	U	0.00240	U
Volatile Organics, TCLP RCRA List		mg/Kg					
Dilution Factor							
Semi-Volatiles, TCLP RCRA Target List		mg/Kg					
Dilution Factor							
Pesticides, 8081 target list		mg/Kg					
Dilution Factor							
alpha-Chlordane	5103-71-9	0.91		NT		NT	
Chlordane, total	57-74-9	~		NT		NT	
Dieldrin	60-57-1	0.039		NT		NT	
Endrin	72-20-8	0.06		NT		NT	
gamma-Chlordane	5566-34-7	~		NT		NT	
Heptachlor	76-44-8	0.38		NT		NT	
NJDEP EPH (Cat. 2 Non-Fractionated)							
Dilution Factor							
Total EPH		~		NT		NT	
Metals, Target Analyte		mg/Kg					
Dilution Factor							
Aluminum	7429-90-5	~		NT		NT	
Arsenic	7440-38-2	16		NT		NT	
Barium	7440-39-3	350		NT		NT	
Cadmium	7440-43-9	2.5		NT		NT	
Calcium	7440-70-2	~		NT		NT	
Chromium	7440-47-3	~		NT		NT	
Cobalt	7440-48-4	~		NT		NT	

Sample ID		NYSDEC Part 360.13 General Fill	AM	WC-HF-Q5-4 2' 21E1255-19 5/27/2021 11:33:00 AM Soil		WC-HF-Q5-5 3' 21E1255-20 5/27/2021 11:30:00 AM Soil	
York ID	CAS Number			Q	Result	Q	Result
Client Matrix							
Compound	CAS Number		Q	Result	Q	Result	Q
Copper	7440-50-8	270		NT		NT	
Iron	7439-89-6	~		NT		NT	
Lead	7439-92-1	400		NT		NT	
Magnesium	7439-95-4	~		NT		NT	
Manganese	7439-96-5	2000		NT		NT	
Nickel	7440-02-0	130		NT		NT	
Potassium	7440-09-7	~		NT		NT	
Sodium	7440-23-5	~		NT		NT	
Vanadium	7440-62-2	~		NT		NT	
Zinc	7440-66-6	2200		NT		NT	
Mercury by 7473		mg/Kg					
Dilution Factor							
Mercury	7439-97-6	0.73		NT		NT	
TCLP Extraction for SVOCs/PEST/HERB							
Dilution Factor							
TCLP Extraction		~		NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE							
Dilution Factor							
TCLP Extraction		~		NT		NT	
Total Solids				%		%	
Dilution Factor				1		1	
% Solids	solids	~		89.300		84.900	
Herbicides, Target List		mg/Kg					
Dilution Factor							
Polychlorinated Biphenyls (PCB)		mg/Kg					
Dilution Factor							

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q6-1 4'		WC-HF-Q6-2 2'		WC-HF-Q6-
York ID			21E1255-25		21E1255-26		21E1255-
Sampling Date			5/27/2021 1:00:00 PM		5/27/2021 12:55:00 PM		5/27/2021 12:4
Client Matrix			Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg
Dilution Factor			1		1		100
Acetone	67-64-1	0.05	0.00500	U	0.00530	U	0.00470
Methylene chloride	75-09-2	0.05	0.00500	U	0.00730	J	0.00470
p-Isopropyltoluene	99-87-6	~	0.00250	U	0.00270	U	0.00240
Tetrachloroethylene	127-18-4	1.3	0.0100		0.00410	J	1
Toluene	108-88-3	0.7	0.00250	U	0.00270	U	0.00240
Trichloroethylene	79-01-6	0.47	0.00250	U	0.00270	U	0.00240
Volatile Organics, TCLP RCRA List		mg/Kg					
Dilution Factor							
Semi-Volatiles, TCLP RCRA Target List		mg/Kg					
Dilution Factor							
Pesticides, 8081 target list		mg/Kg					
Dilution Factor							
alpha-Chlordane	5103-71-9	0.91	NT		NT		NT
Chlordane, total	57-74-9	~	NT		NT		NT
Dieldrin	60-57-1	0.039	NT		NT		NT
Endrin	72-20-8	0.06	NT		NT		NT
gamma-Chlordane	5566-34-7	~	NT		NT		NT
Heptachlor	76-44-8	0.38	NT		NT		NT
NJDEP EPH (Cat. 2 Non-Fractionated)							
Dilution Factor							
Total EPH		~	NT		NT		NT
Metals, Target Analyte		mg/Kg					
Dilution Factor							
Aluminum	7429-90-5	~	NT		NT		NT
Arsenic	7440-38-2	16	NT		NT		NT
Barium	7440-39-3	350	NT		NT		NT
Cadmium	7440-43-9	2.5	NT		NT		NT
Calcium	7440-70-2	~	NT		NT		NT
Chromium	7440-47-3	~	NT		NT		NT
Cobalt	7440-48-4	~	NT		NT		NT

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q6-1 4'		WC-HF-Q6-2 2'		WC-HF-Q6-
York ID			21E1255-25		21E1255-26		21E1255-
Sampling Date			5/27/2021 1:00:00 PM		5/27/2021 12:55:00 PM		5/27/2021 12:4
Client Matrix			Soil		Soil		Soil
Compound	CAS Number		Result	Q	Result	Q	Result
Copper	7440-50-8	270	NT		NT		NT
Iron	7439-89-6	~	NT		NT		NT
Lead	7439-92-1	400	NT		NT		NT
Magnesium	7439-95-4	~	NT		NT		NT
Manganese	7439-96-5	2000	NT		NT		NT
Nickel	7440-02-0	130	NT		NT		NT
Potassium	7440-09-7	~	NT		NT		NT
Sodium	7440-23-5	~	NT		NT		NT
Vanadium	7440-62-2	~	NT		NT		NT
Zinc	7440-66-6	2200	NT		NT		NT
Mercury by 7473		mg/Kg					
Dilution Factor							
Mercury	7439-97-6	0.73	NT		NT		NT
TCLP Extraction for SVOCs/PEST/HERB							
Dilution Factor							
TCLP Extraction		~	NT		NT		NT
TCLP Extraction for VOA by EPA 1311 ZHE							
Dilution Factor							
TCLP Extraction		~	NT		NT		NT
Total Solids			%		%		%
Dilution Factor			1		1		1
% Solids	solids	~	97.700		97.600		86
Herbicides, Target List		mg/Kg					
Dilution Factor							
Polychlorinated Biphenyls (PCB)		mg/Kg					
Dilution Factor							

Sample ID		NYSDEC Part 360.13 General Fill	3 2'	WC-HF-Q6-4 2'		WC-HF-Q6-5 2'	
York ID	27		21E1255-28	5/27/2021 12:45:00 PM		21E1255-29	
Sampling Date		3:00 PM	Soil		Soil		
Client Matrix							
Compound	CAS Number		Q	Result	Q	Result	
Volatile Organics, 8260 - Comprehensive		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1	
Acetone	67-64-1	0.05	U	0.00490	U	0.00470	
Methylene chloride	75-09-2	0.05	U	0.00490	U	0.00470	
p-Isopropyltoluene	99-87-6	~	U	0.00250	U	0.00240	
Tetrachloroethylene	127-18-4	1.3	D	0.00800		0.0290	
Toluene	108-88-3	0.7	U	0.00250	U	0.00240	
Trichloroethylene	79-01-6	0.47	U	0.00250	U	0.00240	
Volatile Organics, TCLP RCRA List		mg/Kg					
Dilution Factor							
Semi-Volatiles, TCLP RCRA Target List		mg/Kg					
Dilution Factor							
Pesticides, 8081 target list		mg/Kg					
Dilution Factor							
alpha-Chlordane	5103-71-9	0.91		NT		NT	
Chlordane, total	57-74-9	~		NT		NT	
Dieldrin	60-57-1	0.039		NT		NT	
Endrin	72-20-8	0.06		NT		NT	
gamma-Chlordane	5566-34-7	~		NT		NT	
Heptachlor	76-44-8	0.38		NT		NT	
NJDEP EPH (Cat. 2 Non-Fractionated)							
Dilution Factor							
Total EPH		~		NT		NT	
Metals, Target Analyte		mg/Kg					
Dilution Factor							
Aluminum	7429-90-5	~		NT		NT	
Arsenic	7440-38-2	16		NT		NT	
Barium	7440-39-3	350		NT		NT	
Cadmium	7440-43-9	2.5		NT		NT	
Calcium	7440-70-2	~		NT		NT	
Chromium	7440-47-3	~		NT		NT	
Cobalt	7440-48-4	~		NT		NT	

Sample ID		NYSDEC Part 360.13 General Fill	3 2' 27 3:00 PM	WC-HF-Q6-4 2' 21E1255-28 5/27/2021 12:45:00 PM Soil		WC-HF-Q6-5 2' 21E1255-29 5/27/2021 12:40:00 PM Soil	
York ID	CAS Number			Q	Result	Q	Result
Client Matrix							
Copper	7440-50-8	270		NT		NT	
Iron	7439-89-6	~		NT		NT	
Lead	7439-92-1	400		NT		NT	
Magnesium	7439-95-4	~		NT		NT	
Manganese	7439-96-5	2000		NT		NT	
Nickel	7440-02-0	130		NT		NT	
Potassium	7440-09-7	~		NT		NT	
Sodium	7440-23-5	~		NT		NT	
Vanadium	7440-62-2	~		NT		NT	
Zinc	7440-66-6	2200		NT		NT	
Mercury by 7473		mg/Kg					
Dilution Factor							
Mercury	7439-97-6	0.73		NT		NT	
TCLP Extraction for SVOCs/PEST/HERB							
Dilution Factor							
TCLP Extraction		~		NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE							
Dilution Factor							
TCLP Extraction		~		NT		NT	
Total Solids				%		%	
Dilution Factor				1		1	
% Solids	solids	~		86.700		90.700	
Herbicides, Target List		mg/Kg					
Dilution Factor							
Polychlorinated Biphenyls (PCB)		mg/Kg					
Dilution Factor							

Sample ID		NYSDEC Part 360.13 General Fill	1	WC-HF-Q6 21E1255-34 5/27/2021 1:50:00 PM Soil		WC-HF-Q5 21E1255-35 5/27/2021 2:00:00 PM Soil		WC-HF-Q4 21E1255-36 5/27/2021 2:15:00 Soil	
Compound	CAS Number			Q	Result	Q	Result	Q	Result
Volatile Organics, 8260 - Comprehensive				mg/Kg					
Dilution Factor									
Acetone	67-64-1	0.05	U	NT		NT		NT	
Methylene chloride	75-09-2	0.05	U	NT		NT		NT	
p-Isopropyltoluene	99-87-6	~	U	NT		NT		NT	
Tetrachloroethylene	127-18-4	1.3		NT		NT		NT	
Toluene	108-88-3	0.7	U	NT		NT		NT	
Trichloroethylene	79-01-6	0.47	U	NT		NT		NT	
Volatile Organics, TCLP RCRA List		mg/Kg		mg/L		mg/L		mg/L	
Dilution Factor				10		10		10	
Semi-Volatiles, TCLP RCRA Target List		mg/Kg		mg/L		mg/L		mg/L	
Dilution Factor				1		1		1	
Pesticides, 8081 target list		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				5		5		5	
alpha-Chlordane	5103-71-9	0.91		0.00182	U	0.00182	U	0.00180	
Chlordane, total	57-74-9	~		0.0364	U	0.0363	U	0.0361	
Dieldrin	60-57-1	0.039		0.00182	U	0.00182	U	0.00180	
Endrin	72-20-8	0.06		0.00182	U	0.00182	U	0.00180	
gamma-Chlordane	5566-34-7	~		0.00182	U	0.00182	U	0.00180	
Heptachlor	76-44-8	0.38		0.00182	U	0.00182	U	0.00180	
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg		mg/kg		mg/kg	
Dilution Factor				1		2		1	
Total EPH		~		54.500	U	434	D	53.900	
Metals, Target Analyte		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1	
Aluminum	7429-90-5	~		13,500	B	13,500	B	12,600	
Arsenic	7440-38-2	16		3.820		6.290		2.600	
Barium	7440-39-3	350		99.800		162		41.100	
Cadmium	7440-43-9	2.5		0.435		0.578		0.330	
Calcium	7440-70-2	~		2,660	B	1,910	B	1,440	
Chromium	7440-47-3	~		18.200		21.100		16.600	
Cobalt	7440-48-4	~		6.990		7.160		6.710	

Sample ID		NYSDEC Part 360.13 General Fill	1	WC-HF-Q6 21E1255-34 5/27/2021 1:50:00 PM Soil		WC-HF-Q5 21E1255-35 5/27/2021 2:00:00 PM Soil		WC-HF-Q4 21E1255-36 5/27/2021 2:15:00 Soil	
Compound	CAS Number			Q	Result	Q	Result	Q	Result
Copper	7440-50-8			270		23.200		55.100	
Iron	7439-89-6	~		15,000		14,600		13,100	
Lead	7439-92-1	400		90		262		11.100	
Magnesium	7439-95-4	~		2,520	B	2,210	B	2,120	
Manganese	7439-96-5	2000		466		373		379	
Nickel	7440-02-0	130		1.110	U	1.110	U	1.100	
Potassium	7440-09-7	~		2,480		2,620		2,590	
Sodium	7440-23-5	~		172	B	145	B	126	
Vanadium	7440-62-2	~		30.600		26.200		22.200	
Zinc	7440-66-6	2200		100		184		26.200	
Mercury by 7473		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1	
Mercury	7439-97-6	0.73		0.245		0.192		0.166	
TCLP Extraction for SVOCs/PEST/HERB				N/A		N/A		N/A	
Dilution Factor				1		1		1	
TCLP Extraction		~		Completed		Completed		Completed	
TCLP Extraction for VOA by EPA 1311 ZHE				N/A		N/A		N/A	
Dilution Factor				1		1		1	
TCLP Extraction		~		Completed		Completed		Completed	
Total Solids				%		%		%	
Dilution Factor				1		1		1	
% Solids	solids	~		90		90.300		90.900	
Herbicides, Target List		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1	
Polychlorinated Biphenyls (PCB)		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		1		1	

Sample ID		NYSDEC Part 360.13 General Fill	PM	WC-HF-Q3 21E1255-37 5/27/2021 2:30:00 PM Soil		WC-HF-Q2 21E1255-38 5/27/2021 2:40:00 PM Soil		WC-HF-Q1-1 2' 21F0043-01 5/28/2021 11:15:00 AM Soil	
Compound	CAS Number			Q	Result	Q	Result	Q	Result
Volatile Organics, 8260 - Comprehensive		mg/Kg						mg/Kg	
Dilution Factor								1	
Acetone	67-64-1	0.05		NT		NT		0.00500	U
Methylene chloride	75-09-2	0.05		NT		NT		0.00500	U
p-Isopropyltoluene	99-87-6	~		NT		NT		0.00250	U
Tetrachloroethylene	127-18-4	1.3		NT		NT		0.00480	J
Toluene	108-88-3	0.7		NT		NT		0.00250	U
Trichloroethylene	79-01-6	0.47		NT		NT		0.00250	U
Volatile Organics, TCLP RCRA List		mg/Kg		mg/L		mg/L			
Dilution Factor				10		10			
Semi-Volatiles, TCLP RCRA Target List		mg/Kg		mg/L		mg/L			
Dilution Factor				1		1			
Pesticides, 8081 target list		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor				5		5			
alpha-Chlordane	5103-71-9	0.91	U	0.00175	U	0.00180	U	NT	
Chlordane, total	57-74-9	~	U	0.0350	U	0.0359	U	NT	
Dieldrin	60-57-1	0.039	U	0.00175	U	0.00180	U	NT	
Endrin	72-20-8	0.06	U	0.00175	U	0.00180	U	NT	
gamma-Chlordane	5566-34-7	~	U	0.00175	U	0.00180	U	NT	
Heptachlor	76-44-8	0.38	U	0.00175	U	0.00180	U	NT	
NJDEP EPH (Cat. 2 Non-Fractionated)				mg/kg		mg/kg			
Dilution Factor				1		1			
Total EPH		~	U	52.300	U	53.700	U	NT	
Metals, Target Analyte		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor				1		1			
Aluminum	7429-90-5	~	B	9,040		11,100		NT	
Arsenic	7440-38-2	16		2.740		4.130		NT	
Barium	7440-39-3	350		26.900		438		NT	
Cadmium	7440-43-9	2.5	U	0.320	U	0.387		NT	
Calcium	7440-70-2	~	B	801		21,300		NT	
Chromium	7440-47-3	~		18		19.500		NT	
Cobalt	7440-48-4	~		5.420		7.340		NT	

Sample ID		NYSDEC Part 360.13 General Fill	PM	WC-HF-Q3 21E1255-37 5/27/2021 2:30:00 PM Soil		WC-HF-Q2 21E1255-38 5/27/2021 2:40:00 PM Soil		WC-HF-Q1-1 2' 21F0043-01 5/28/2021 11:15:00 AM Soil	
Compound	CAS Number			Q	Result	Q	Result	Q	Result
Copper	7440-50-8	270		28.600		24.100		NT	
Iron	7439-89-6	~		13,900		17,300		NT	
Lead	7439-92-1	400		19		140		NT	
Magnesium	7439-95-4	~	B	2,790		3,440		NT	
Manganese	7439-96-5	2000		284		348		NT	
Nickel	7440-02-0	130	U	1.070	U	1.100	U	NT	
Potassium	7440-09-7	~		908	B	1,250	B	NT	
Sodium	7440-23-5	~	B	54.700		96.400		NT	
Vanadium	7440-62-2	~		19.100		21		NT	
Zinc	7440-66-6	2200		137		215		NT	
Mercury by 7473		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor				1		1			
Mercury	7439-97-6	0.73		0.0320	U	0.349		NT	
TCLP Extraction for SVOCs/PEST/HERB				N/A		N/A			
Dilution Factor				1		1			
TCLP Extraction		~		Completed		Completed		NT	
TCLP Extraction for VOA by EPA 1311 ZHE				N/A		N/A			
Dilution Factor				1		1			
TCLP Extraction		~		Completed		Completed		NT	
Total Solids				%		%		%	
Dilution Factor				1		1		1	
% Solids	solids	~		93.800		91.200		95.800	
Herbicides, Target List		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor				1		1			
Polychlorinated Biphenyls (PCB)		mg/Kg		mg/Kg		mg/Kg			
Dilution Factor				1		1			

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q1-2 2'		WC-HF-Q1-3 2'		WC-HF-Q1-4 2'	
York ID			21F0043-02		21F0043-03		21F0043-04	
Sampling Date			5/28/2021 11:10:00 AM		5/28/2021 11:05:00 AM		5/28/2021 11:00:00 AM	
Client Matrix			Soil		Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1		1		1	
Acetone	67-64-1	0.05	0.00580	U	0.00510	U	0.00610	U
Methylene chloride	75-09-2	0.05	0.00580	U	0.00510	U	0.00610	U
p-Isopropyltoluene	99-87-6	~	0.00290	U	0.00250	U	0.00300	U
Tetrachloroethylene	127-18-4	1.3	0.00610		0.0440		0.200	
Toluene	108-88-3	0.7	0.00290	U	0.00250	U	0.00300	U
Trichloroethylene	79-01-6	0.47	0.00290	U	0.00250	U	0.00300	U
Volatile Organics, TCLP RCRA List		mg/Kg						
Dilution Factor								
Semi-Volatiles, TCLP RCRA Target List		mg/Kg						
Dilution Factor								
Pesticides, 8081 target list		mg/Kg						
Dilution Factor								
alpha-Chlordane	5103-71-9	0.91	NT		NT		NT	
Chlordane, total	57-74-9	~	NT		NT		NT	
Dieldrin	60-57-1	0.039	NT		NT		NT	
Endrin	72-20-8	0.06	NT		NT		NT	
gamma-Chlordane	5566-34-7	~	NT		NT		NT	
Heptachlor	76-44-8	0.38	NT		NT		NT	
NJDEP EPH (Cat. 2 Non-Fractionated)								
Dilution Factor								
Total EPH		~	NT		NT		NT	
Metals, Target Analyte		mg/Kg						
Dilution Factor								
Aluminum	7429-90-5	~	NT		NT		NT	
Arsenic	7440-38-2	16	NT		NT		NT	
Barium	7440-39-3	350	NT		NT		NT	
Cadmium	7440-43-9	2.5	NT		NT		NT	
Calcium	7440-70-2	~	NT		NT		NT	
Chromium	7440-47-3	~	NT		NT		NT	
Cobalt	7440-48-4	~	NT		NT		NT	

Sample ID		NYSDEC Part 360.13 General Fill	WC-HF-Q1-5 3'		WC-HF-Q1	
York ID			21F0043-05		21F0043-10	
Sampling Date			5/28/2021 10:55:00 AM		5/28/2021 11:20:00 AM	
Client Matrix			Soil		Soil	
Compound	CAS Number		Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/Kg			
Dilution Factor			1			
Acetone	67-64-1	0.05	0.00500	U	NT	
Methylene chloride	75-09-2	0.05	0.00500	U	NT	
p-Isopropyltoluene	99-87-6	~	0.00250	U	NT	
Tetrachloroethylene	127-18-4	1.3	0.0600		NT	
Toluene	108-88-3	0.7	0.00250	U	NT	
Trichloroethylene	79-01-6	0.47	0.00250	U	NT	
Volatile Organics, TCLP RCRA List		mg/Kg			mg/L	
Dilution Factor					10	
Semi-Volatiles, TCLP RCRA Target List		mg/Kg			mg/L	
Dilution Factor					1	
Pesticides, 8081 target list		mg/Kg			mg/Kg	
Dilution Factor					5	
alpha-Chlordane	5103-71-9	0.91	NT		0.115	D
Chlordane, total	57-74-9	~	NT		0.644	DP
Dieldrin	60-57-1	0.039	NT		0.183	D
Endrin	72-20-8	0.06	NT		0.00496	D
gamma-Chlordane	5566-34-7	~	NT		0.0984	D
Heptachlor	76-44-8	0.38	NT		0.00565	D
NJDEP EPH (Cat. 2 Non-Fractionated)					mg/kg	
Dilution Factor					1	
Total EPH		~	NT		54.700	U
Metals, Target Analyte		mg/Kg			mg/Kg	
Dilution Factor					1	
Aluminum	7429-90-5	~	NT		11,100	
Arsenic	7440-38-2	16	NT		5.310	
Barium	7440-39-3	350	NT		80.300	
Cadmium	7440-43-9	2.5	NT		0.335	U
Calcium	7440-70-2	~	NT		4,230	
Chromium	7440-47-3	~	NT		18.500	
Cobalt	7440-48-4	~	NT		6.590	

Sample ID York ID Sampling Date Client Matrix		NYSDEC Part 360.13 General Fill	WC-HF-Q1-5 3' 21F0043-05 5/28/2021 10:55:00 AM Soil		WC-HF-Q1 21F0043-10 5/28/2021 11:20:00 AM Soil	
Compound	CAS Number		Result	Q	Result	Q
Copper	7440-50-8	270	NT		22.500	
Iron	7439-89-6	~	NT		14,800	
Lead	7439-92-1	400	NT		110	
Magnesium	7439-95-4	~	NT		2,620	
Manganese	7439-96-5	2000	NT		312	
Nickel	7440-02-0	130	NT		15.400	
Potassium	7440-09-7	~	NT		952	B
Sodium	7440-23-5	~	NT		89.100	
Vanadium	7440-62-2	~	NT		25.100	
Zinc	7440-66-6	2200	NT		106	
Mercury by 7473		mg/Kg			mg/Kg	
Dilution Factor					1	
Mercury	7439-97-6	0.73	NT		0.290	
TCLP Extraction for SVOCs/PEST/HERB					N/A	
Dilution Factor					1	
TCLP Extraction		~	NT		Completed	
TCLP Extraction for VOA by EPA 1311 ZHE					N/A	
Dilution Factor					1	
TCLP Extraction		~	NT		Completed	
Total Solids			%		%	
Dilution Factor			1		1	
% Solids	solids	~	97.600		89.700	
Herbicides, Target List		mg/Kg			mg/Kg	
Dilution Factor					1	
Polychlorinated Biphenyls (PCB)		mg/Kg			mg/Kg	
Dilution Factor					1	