



TECHNICAL  
SERVICES

**SUMMARY REPORT  
OF  
SUBSURFACE INVESTIGATION**

**137 Smith Street,  
140 and 146 Montgomery Street  
City of Newburgh  
Orange County, New York**

**January 9, 2023**

**GBTS Project: 22003-0092**

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GBTS Project: 22003-0092

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Environmental investigation services were performed by Gallagher Bassett Technical Services (GBTS). The undersigned have reviewed this Summary Report of Subsurface Investigation and certify to Kearney Realty & Development Group that the information provided in this document is accurate as of the date of issuance by this office.



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## 1.0 INTRODUCTION

### 1.1 Purpose

This Summary Report of Subsurface Investigation (Report) documents environmental fieldwork performed by Gallagher Bassett Technical Services (GBTS), and subcontractors under the direction of GBTS, at The Green – Newburgh property located at 137 Smith Street, and 140 and 146 Montgomery Street, City of Newburgh, Orange County, New York (the “Site”). This Report references 137 Smith Street as “Lot 4.1,” 140 Montgomery Street as “Lot 10” and 146 Montgomery Street as “Lot 2.1”. Investigative work was performed to screen for potential on-site soil contamination.

This Report describes all fieldwork methodologies for the work conducted by GBTS, includes discussions of the resulting analytical data from collected samples and provides conclusions and recommendations drawn from the fieldwork and analytical data.

### 1.2 Limitations

This written analysis summarizes environmental fieldwork activities conducted at the Site during the indicated fieldwork dates, and is not relevant to any other property. Environmental services were performed in accordance with generally accepted practices and protocols established by the New York State Department of Environmental Conservation (NYSDEC). Findings, conclusions, and recommendations provided by GBTS are based on professional judgement.

### 1.3 Site Location and Description

The property is a 1.16-acre vacant parcel located on the western side of Smith Street, northern side of South Street, and the eastern side of Montgomery Street. A Fieldwork Map indicating specific Site characteristics is provided in Appendix A.

### 1.4 Previous Environmental Reports

A Phase I Environmental Site Assessment (Phase I ESA), performed on the property by GBTS in November 2022, identified the following Site history:

- The Site was formerly used for residential purposes and has been vacant since on-site structures were demolished sometime between 1971 and 1992. The potential exists that debris from the demolition of former on-site structures may be present in the subsurface (such debris could contain lead, asbestos, or other regulated materials); and,
- Review of municipal records indicated several violations and complaints related to on-site debris and dumping of construction related debris, which could contain lead, asbestos, or other regulated materials.

## 2.0 SUBSURFACE INVESTIGATION

### 2.1 Summary of Services

GBTS advanced nine (9) mechanized borings at the Site and collected soil samples from each boring location, as well as from an additional five (5) surface locations, on November 11, 2022 to document the presence or absence of subsurface contamination. This Report documents all fieldwork methodology (Section 2.2) and laboratory results (Section 2.3), and present GBTS's conclusions and recommendations (Section 3.0). A map indicating all fieldwork locations and selected Site features is provided in Appendix A.

### 2.2 Fieldwork Activities

#### 2.2.1 Site Preparation Services

GBTS requested a complete utility markout (as required by New York State Department of Labor regulations) and on-site personnel reviewed the markout and underground utility locations prior to the initiation of fieldwork.

#### 2.2.2 Fieldwork Methodology

##### General Protocols

Encountered material was screened (as appropriate) with a properly calibrated MiniRAE Lite (Model PGM 7300) photo-ionization detector (PID) for volatile organic vapors. GBTS documented field observations in log books, including any indications of contamination). Relevant information from GBTS logs for each fieldwork location is summarized in Appendix B.

GBTS collected samples in general conformance with NYSDEC and NYSDOH fieldwork protocols. All field personnel wore dedicated, disposable gloves during relevant fieldwork activities, and any non-dedicated sampling instruments were decontaminated prior to media collection. Soil was collected utilizing clean, disposable equipment.

All samples were collected into appropriately-sized containers provided by the laboratory and were maintained at proper temperatures (using ice-packs and coolers as needed) while in GBTS's custody. Samples were transported on November 14, 2022 via courier to York Analytical Laboratories, Inc., a New York State Department of Health-certified laboratory (ELAP Certification 10854) for chemical analyses. Appropriate chain-of-custody procedures were followed.

##### Collection of Soil Samples

Nine (9) mechanized soil borings were advanced throughout the Site by personnel from Core Down Drilling, LLC using a track-mounted Geoprobe direct-push corer equipped with a 5-foot barrel lined with disposable acetate sleeves (used to prevent the cross contamination of soil samples). Soil was recovered to a maximum depth of 12 feet below surface grade (bsg) and

collected directly from the cut sleeves. Refusal (potentially on bedrock or the remains of former building foundations) was encountered at each boring location (from 4.5 to 12 feet bsg).

GBTS collected five (5) surface soil samples throughout the Site from the upper 6 inches of soil (immediately beneath the vegetative layer).

Surface soils generally consisted of brown, dry medium to fine sands (with organic matter, gravel, brick fragments and concrete fragments). Soils encountered at boring locations generally consisted of brown, dry to moist medium sands (with gravel and brick and concrete fragments) overlying variable texture glacial till (unsorted, clay, cobbles, sand and gravel).

No field evidence of contamination (staining, odors, PID readings) was observed at any sampling location.

Saturated soil was not encountered during the extension of the soil borings at approximately 10 feet bsg at location SB-05.

## **2.3 Laboratory Analysis**

### **2.3.1 Standards, Criteria and/or Guidance**

Laboratory results are compared to NYSDEC Remedial Program Soil Cleanup Objectives (SCOs) for Unrestricted Use (UU) and Restricted-Residential Use (RRU) as provided in 6 NYCRR Subpart 375, Tables 375-6.8(a) and 375-6.8(b).

### **2.3.2 Sample Submission**

Soil samples were analyzed for pesticides using USEPA Method 8081 and Target Analyte List (TAL) metals using USEPA Method 6010/7043.

### **2.3.3 Laboratory Results**

A summary of the results of the laboratory analyses is presented below. Results are referenced as parts per million (ppm, equivalent to milligrams per kilogram). Data summary tables and the laboratory report are provided as Appendices C and D, respectively.

#### TAL Metals

With the exception of sample SB-09 0-5c, metals were detected above RRU SCOs in all samples, including:

- Arsenic (8 samples), 19 to 51.9 ppm (RRU SCO: 16 ppm)
- Barium (1 sample), 544 ppm (RRU SCO: 400 ppm)
- Cadmium (1 sample), 4.66 ppm (RRU SCO: 4.3 ppm)
- Lead (9 samples), 457 to 3,050 ppm (RRU SCO: 400 ppm)
- Mercury (7 samples) 0.884 to 2.87 ppm (RRU SCO: 0.81 ppm)

All exceedances of RRU SCOs were reported in samples from the upper 5 feet of soil, with exception of elevated arsenic at SB-03 5-7 and mercury at SB-06 5-6.5, reported for the 5-10 feet soil interval.

Copper, nickel, selenium and zinc were detected above UU SCOs in one or more samples. Trace to low levels of several other metals were detected in all samples.

#### Pesticides

Four pesticides were detected above UU SCOs (but well below RRU SCOs) in samples SB-01 0-5c, SB-04 5-6.5, SB-07 0-5c, SB-08 1-2c, SS-01, SS-04 and SS-05. Pesticides included (peak values given):

- 4,4'-DDD (0.0191 ppm at SB-04 5-6.5; UU SCO: 0.0033 ppm)
- 4,4'-DDE (0.0815 ppm at SB-04 5-6.5; UU SCO: 0.0033 ppm)
- 4,4'-DDT (0.216 ppm at SB-04 5-6.5; UU SCO: 0.0033 ppm)
- Dieldrin (0.0211 ppm at SS-01; UU SCO: 0.005 ppm)

Trace to low levels of several pesticides were detected in one or more samples.

### **3.0 CONCLUSIONS AND RECOMMENDATIONS**

GBTs has completed the services summarized in Section 2.0 on specified portions of the property located at 137 Smith Street, and 140 and 146 Montgomery Street, City of Newburgh, Orange County, New York. Fieldwork included the collection of soil from nine (9) soil borings and five (5) surface locations.

Conclusions and recommendations (in **bold**), based on the fieldwork services and laboratory data, are as follows:

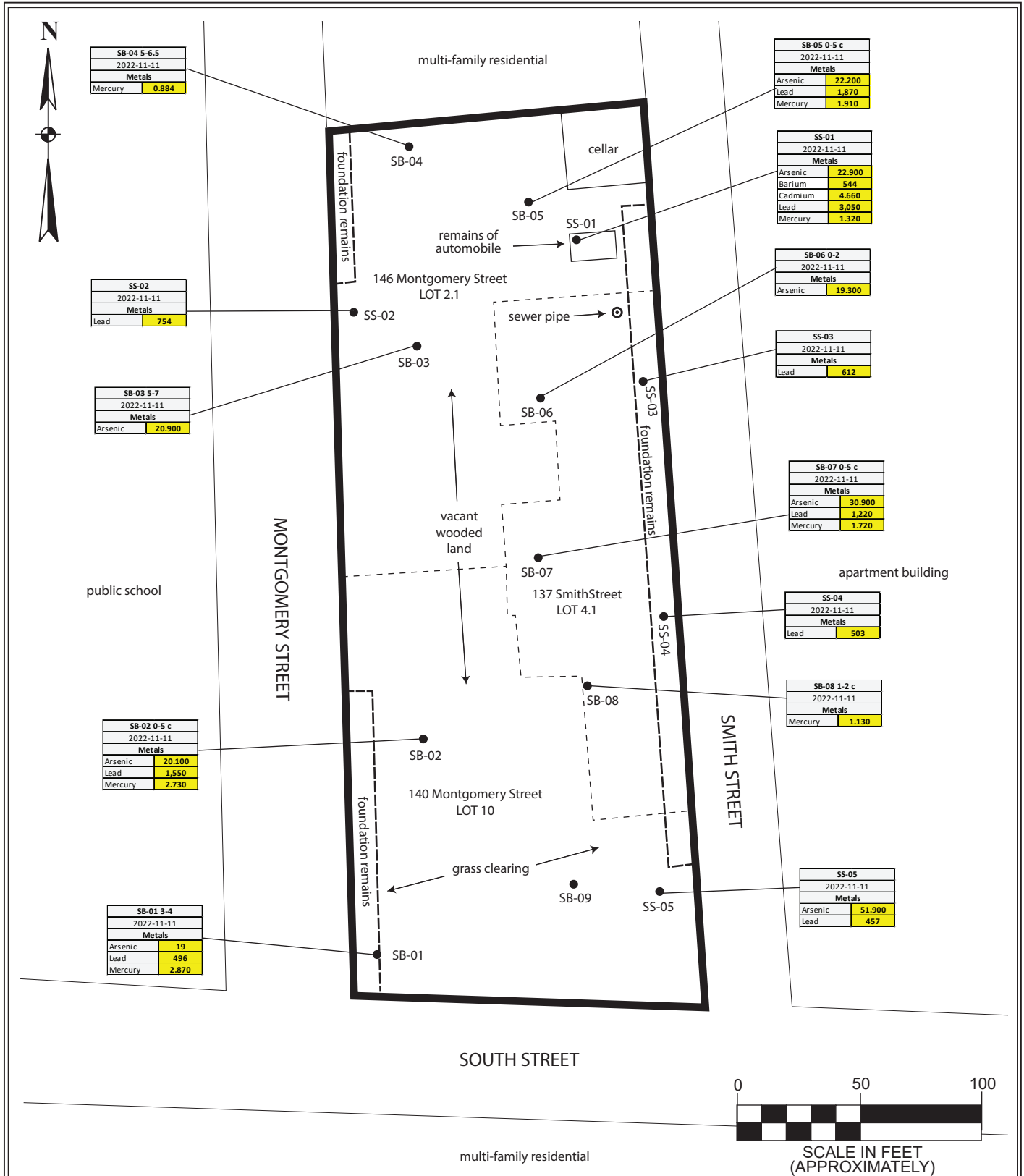
Heavy metals (including arsenic, lead, and mercury) were detected in 13 of 14 samples at concentrations above RRU SCOs, and several pesticides are present in soil above UU SCOs. These findings are consistent with impacts from demolition debris, and from debris materials historically dumped on-Site (including at least one former automobile).

**It is recommended that additional investigation be conducted to fully characterize Site contamination.**

APPENDIX A

Fieldwork Map





SB-04 5-6.5
2022-11-11
Metals
Mercury 0.884

SB-05 0-5 c
2022-11-11
Metals
Arsenic 22.200
Lead 1.870
Mercury 1.910

SS-02
2022-11-11
Metals
Lead 754

SS-01
2022-11-11
Metals
Arsenic 22.900
Barium 544
Cadmium 4.660
Lead 3.050
Mercury 1.320

SB-03 5-7
2022-11-11
Metals
Arsenic 20.900

SB-06 0-2
2022-11-11
Metals
Arsenic 19.300

SS-03
2022-11-11
Metals
Lead 612

SB-07 0-5 c
2022-11-11
Metals
Arsenic 30.900
Lead 1.220
Mercury 1.720

SB-02 0-5 c
2022-11-11
Metals
Arsenic 20.100
Lead 1.550
Mercury 2.730

SS-04
2022-11-11
Metals
Lead 503

SB-08 1-2 c
2022-11-11
Metals
Mercury 1.130

SB-01 3-4
2022-11-11
Metals
Arsenic 19
Lead 496
Mercury 2.870

SS-05
2022-11-11
Metals
Arsenic 51.900
Lead 457

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

**Fieldwork Map**  
137 Smith Street  
140 and 146 Montgomery Street  
City of Newburgh  
Orange County, New York

- Legend:
- subject property border
  - lot lines
  - soil sample location
- All data in mg/Kg (ppm)  
**Analyte Above RRU SCO**

File: 22003-0092  
January 2023  
Scale as shown  
Appendix A

## APPENDIX B

### Boring Logs

# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")						
	SOIL / MATERIAL DESCRIPTION						
		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
<b>SB-01</b>	<b>Subsurface Investigation</b> <b>137 Smith Street, 140 &amp; 146 Montgomery Street</b> <b>Newburgh, New York</b>						<i>GBTS PROJECT</i> <i>22003-0092</i>
(SHEET 1 OF 1)	DATE: 2022-11-11		DRILLER (RIG) Core Down (6610DT Geoprobe, 5' macro-core)				
	GBTS STAFF: J. Gonzalez		WEATHER: overcast, 50s F				
<b>0 – 5'</b> (75%)	(36") brown M SAND, trace brick	Dry	0.0	ND	ND	ND	<b>SB-01 3-4</b>
	(12") light brown CLAY, with some organics, shale cobbles	Moist	0.0	ND	ND	ND	
<b>5 – 8'</b> (100%)	(5-7') light brown CLAY, with some organics, shale cobbles	Moist	0.0	ND	ND	ND	
	(7-8') shale cobbles with CLAY						
	***** End of Boring (Refusal) at 8' *****						
<b>Notes</b>	<p><b>Fill Materials</b> 0 – 5' interval</p> <p><b>Field Evidence of Contamination</b> Not encountered</p> <p><b>Saturated Soils</b> Not encountered</p> <p><b>Additional Field Notes</b> None</p>						

**ND** (non-detect)   **PID** (photoionization detector)   **ppm** (parts per million)   **NAPL** (non-aqueous phase liquid)  
**F** (fine)   **M** (medium)   **C** (coarse)   **P** (plastic)   **LP** (low plastic)   **NP** (non-plastic)   **SI** (slight)

# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")						
	SOIL / MATERIAL DESCRIPTION						
	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
<b>0 – 5'</b> (60%)	light brown to brown M-C SAND with some brick, cobbles, glass, concrete	Dry	0.0	ND	ND	ND	SB-02 0-5c
	***** End of Boring (Refusal) at 5' *****						
<b>Notes</b>	<p><b>Fill Materials</b> 0 – 5' interval</p> <p><b>Field Evidence of Contamination</b> Not encountered</p> <p><b>Saturated Soils</b> Not encountered</p> <p><b>Additional Field Notes</b> None</p>						

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)    **SI** (slight)

# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")							
	SOIL / MATERIAL DESCRIPTION							
<b>SB-03</b>  (SHEET 1 OF 1)		<b>Subsurface Investigation</b> <b>137 Smith Street, 140 &amp; 146 Montgomery Street</b> <b>Newburgh, New York</b>					<i>GBTS PROJECT</i> <i>22003-0092</i>	
		DATE: 2022-11-11		DRILLER (RIG) Core Down (6610DT Geoprobe, 5' macro-core)				
		GBTS STAFF: J. Gonzalez		WEATHER: overcast, 50s F				
		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
<b>0 – 5'</b> (40%)	(8") orange-brown F SAND, with clay, gravel, cobbles, some brick  (16") light brown F SAND, with cobbles, some clay	Dry	0.0	ND	ND	ND		
<b>5 – 7'</b> (75%)	(13.5") light brown F SAND, with cobbles, some clay  (13.5") gray-brown M-C SAND, gray slate fragments  ***** End of Boring (Refusal) at 7' *****	Dry	0.0	ND	ND	ND	<b>SB-03 5-7</b>	
<b>Notes</b>	<b>Fill Materials</b> 0 – 5' interval <b>Field Evidence of Contamination</b> Not encountered <b>Saturated Soils</b> Not encountered <b>Additional Field Notes</b> Bedrock (gray slate or shale) encountered 7' (refusal)							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)    **SI** (slight)

# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")						SAMPLES COLLECTED
	SOIL / MATERIAL DESCRIPTION						
<b>SB-04</b>  (SHEET 1 OF 1)	<b>Subsurface Investigation</b> <b>137 Smith Street, 140 &amp; 146 Montgomery Street</b> <b>Newburgh, New York</b>						<i>GBTS PROJECT</i> <b>22003-0092</b>
DATE: 2022-11-11		DRILLER (RIG)		Core Down (6610DT Geoprobe, 5' macro-core)			
GBTS STAFF: J. Gonzalez		WEATHER: overcast, 50s F					
<b>0 – 5'</b> (25%)	brown M-C SAND with abundant brick, with some gravel, some cobbles						
<b>5 – 9.5'</b> (100%)	(5-6.5') brown M-C SAND with abundant brick, with some gravel, some cobbles						SB-04 5-6.5
	(6.5-7.5') brown CLAY with some gravel						
	(7.5-8.5') gray-brown M-C SAND, gray slate fragments						
	(8.5-9.5') brown to gray CLAY with some gravel						
***** End of Boring (Refusal) at 9.5' *****							
<b>Notes</b>	<b>Fill Materials</b> 0 – 6.5' <b>Field Evidence of Contamination</b> Not encountered <b>Saturated Soils</b> Not encountered <b>Additional Field Notes</b> Bedrock (gray slate or shale) encountered 9.5' (refusal)						

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)    **SI** (slight)

# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")		MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
	SOIL / MATERIAL DESCRIPTION							
<b>0 – 5'</b> (80%)	(28") gray to-brown M SAND, with clay, some gravel, trace brick  (20") light brown F-M SAND, some silt, gravel		Dry	0.0	ND	ND	ND	SB-05 0-5c
<b>5 – 10'</b> (50%)	light brown F-M SAND, some silt, gravel		Moist	0.0	ND	ND	ND	
<b>10 – 12'</b> (100%)	light brown F-M SAND, some silt, gravel  ***** End of Boring (Refusal) at 12' *****		Wet	0.0	ND	ND	ND	
<b>Notes</b>	<p><b>Fill Materials</b> 0 – 5' interval</p> <p><b>Field Evidence of Contamination</b> Not encountered</p> <p><b>Saturated Soils</b> ~10-12'</p> <p><b>Additional Field Notes</b> Bedrock (gray slate or shale) encountered 12' (refusal)</p>							

ND (non-detect) PID (photoionization detector) ppm (parts per million) NAPL (non-aqueous phase liquid)  
F (fine) M (medium) C (coarse) P (plastic) LP (low plastic) NP (non-plastic) SI (slight)

# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")						
	SOIL / MATERIAL DESCRIPTION						
0 – 4.5' (75%)	brown to light brown F-M SAND, with some silt, gravel, cobbles	Dry	0.0	ND	ND	ND	SB-06 0-2
	***** End of Boring (Refusal) at 4.5' *****						
<p><b>Notes</b></p> <p><b>Fill Materials</b> 0 – 5' interval</p> <p><b>Field Evidence of Contamination</b> Not encountered</p> <p><b>Saturated Soils</b> Not encountered</p> <p><b>Additional Field Notes</b> None</p>							

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)    **SI** (slight)



# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")						
	SOIL / MATERIAL DESCRIPTION						
0 – 5' (60%)	light brown F-M SAND, with gravel, cobbles, trace brick	Dry	0.0	ND	ND	ND	SB-07 0-5c
5 – 7.5' (100%)	(5-6.5') brown F-M SAND, abundant slate cobbles (6.5-7.5') light brown F SAND, with gravel ***** End of Boring (Refusal) at 7.5' *****	Dry	0.0	ND	ND	ND	
<b>Notes</b>	<b>Fill Materials</b> 0 – 5' interval <b>Field Evidence of Contamination</b> Not encountered <b>Saturated Soils</b> Not encountered <b>Additional Field Notes</b> Bedrock (gray slate or shale) encountered 7.5' (refusal)						

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)    **SI** (slight)

# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")						
	SOIL / MATERIAL DESCRIPTION						
	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED	
<b>SB-08</b>  (SHEET 1 OF 1)	<b>Subsurface Investigation</b> <b>137 Smith Street, 140 &amp; 146 Montgomery Street</b> <b>Newburgh, New York</b>						
DATE: 2022-11-11      DRILLER (RIG) Core Down (6610DT Geoprobe, 5' macro-core) GBTS STAFF: J. Gonzalez      WEATHER: overcast, 50s F							GBTS PROJECT 22003-0092
<b>0 – 5'</b> (75%)	Dry	0.0	ND	ND	ND	SB-08 1-2c	
	***** End of Boring (Refusal) at 5' *****						
<b>Notes</b>	<b>Fill Materials</b> 0 – 5' interval <b>Field Evidence of Contamination</b> Not encountered <b>Saturated Soils</b> Not encountered <b>Additional Field Notes</b> None						

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)    **SI** (slight)

# Soil Boring Log

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: TOPSOIL (6")						
	SOIL / MATERIAL DESCRIPTION						
0 – 5' (50%)	BRICK fragments with cobbles, topsoil	Dry	0.0	ND	ND	ND	SB-09 0-5c
	***** End of Boring (Refusal) at 5' *****						
<b>Notes</b>	<p><b>Fill Materials</b> 0 – 5' interval</p> <p><b>Field Evidence of Contamination</b> Not encountered</p> <p><b>Saturated Soils</b> Not encountered</p> <p><b>Additional Field Notes</b> Likely foundations encountered 5' (refusal)</p>						

**ND** (non-detect)    **PID** (photoionization detector)    **ppm** (parts per million)    **NAPL** (non-aqueous phase liquid)  
**F** (fine)    **M** (medium)    **C** (coarse)    **P** (plastic)    **LP** (low plastic)    **NP** (non-plastic)    **SI** (slight)

## APPENDIX C

# Data Summary Tables

**Table 1: TAL Metals in Soil**

Site ID: 137 Smith Street, 140 Montgomery Street and 146 Montgomery Street

GBTS Project: 22003-0092

Sample			SB-01 3-4		SB-02 0-5c		SB-03 5-7		SB-04 5-6.5		SB-05 0-5c	
U= Not Detected ≥ value			2022-11-11		2022-11-11		2022-11-11		2022-11-11		2022-11-11	
All data in mg/Kg (ppm)			1		1		1		1		1	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	NA	14,100	B	14,900	B	17,500	B	13,600	B	13,300	B
Antimony	NA	NA	2.37	U	2.27	U	2.24	U	2.39	U	2.29	U
Arsenic	13	16	19		20.1		20.9		12.2		22.2	
Barium	350	400	153		319		60.7		117		315	
Beryllium	7.2	72	0.438	B	0.266	B	0.536	B	0.23	B	0.046	U
Cadmium	2.5	4.3	0.364		0.742		0.358		0.341		1.12	
Calcium	NA	NA	2,280	B	13,400	B	4,730	B	18,000	B	10,100	B
Chromium	30	180	19	B	23.6	B	21.7	B	16.3	B	17.5	B
Cobalt	NA	NA	11	B	10	B	15.4	B	9	B	9.64	B
Copper	50	270	39.1	B	65.7	B	28.9	B	28.1	B	62.4	B
Iron	NA	NA	23,900	B	26,000	B	35,800	B	22,600	B	26,700	B
Lead	63	400	496	B	1,550	B	38.7	B	172	B	1,870	B
Magnesium	NA	NA	4,300	B	5,960	B	7,160	B	8,280	B	4,490	B
Manganese	1,600	2,000	722	B	545	B	1,170	B	604	B	704	B
Mercury	0.18	0.81	2.87		2.73		0.086		0.884		1.91	
Nickel	30	310	22.8	B	24.7	B	31.4	B	22	B	21.9	B
Potassium	NA	NA	934		1,120		1,070		1,360		1,060	
Selenium	3.9	180	4.94		5.73		7		3.4		5.39	
Silver	2	180	0.477	U	0.458	U	0.453	U	0.482	U	0.461	U
Sodium	NA	NA	108		601		44.9	U	47.8	U	722	
Thallium	NA	NA	2.37	U	2.27	U	2.24	U	2.39	U	2.29	U
Vanadium	NA	NA	19.5		24.1		24.6		16.4		19.8	
Zinc	109	10,000	179	B	422	B	76.7	B	119	B	478	B

- Analyte Detected
- Analyte Above UU SCO
- Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 1: TAL Metals in Soil**

Site ID: 137 Smith Street, 140 Montgomery Street and 146 Montgomery Street

GBTS Project: 22003-0092

Sample			SB-06 0-2		SB-07 0-5c		SB-08 1-2c		SB-09 0-5c		SS-01	
U= Not Detected ≥ value			2022-11-11		2022-11-11		2022-11-11		2022-11-11		2022-11-11	
Date			1		1		1		1		1	
Dilution			1		1		1		1		1	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	NA	15,800	B	13,400	B	14,900	B	10,900	B	9,200	B
Antimony	NA	NA	2.41	U	2.38	U	2.3	U	2.33	U	2.77	U
Arsenic	13	16	19.3		30.9		14.9		4.56		22.9	
Barium	350	400	101		218		168		109		544	
Beryllium	7.2	72	0.364	B	0.159	B	0.38	B	0.047	U	0.056	U
Cadmium	2.5	4.3	0.289	U	0.406		0.276	U	0.28	U	4.66	
Calcium	NA	NA	1,190	B	12,500	B	5,160	B	45,900	B	11,400	B
Chromium	30	180	19.2	B	18.6	B	16.8	B	11.5	B	28.9	
Cobalt	NA	NA	11	B	9.3	B	8.89	B	5.46	B	8.28	
Copper	50	270	42.2	B	50.2	B	28.2	B	18.4	B	78.2	
Iron	NA	NA	27,600	B	30,900	B	21,100	B	14,400	B	32,900	
Lead	63	400	309	B	1,220	B	398	B	317	B	3,050	
Magnesium	NA	NA	5,810	B	4,850	B	4,140	B	8,410	B	3,960	
Manganese	1,600	2,000	692	B	579	B	740	B	429	B	554	
Mercury	0.18	0.81	0.477		1.72		1.13		0.0889		1.32	
Nickel	30	310	27.6	B	25.9	B	21.4	B	13.2	B	33	
Potassium	NA	NA	1,210		1,070		852		889		1,010	
Selenium	3.9	180	7.27		7.76		5.22		2.62		8.9	
Silver	2	180	0.485	U	0.479	U	0.463	U	0.47	U	0.559	U
Sodium	NA	NA	48.2	U	164		46	U	179		1,770	
Thallium	NA	NA	2.41	U	2.38	U	2.3	U	2.33	U	2.77	U
Vanadium	NA	NA	19.3		22.6		20.8		15.2		28.2	
Zinc	109	10,000	109	B	282	B	150	B	94.3	B	848	B

- Analyte Detected
- Analyte Above UU SCO
- Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 1: TAL Metals in Soil**

Site ID: 137 Smith Street, 140 Montgomery Street and 146 Montgomery Street

GBTS Project: 22003-0092

Sample			SS-02		SS-03		SS-04		SS-05	
U= Not Detected ≥ value			2022-11-11		2022-11-11		2022-11-11		2022-11-11	
Date			1		1		1		1	
Dilution			1		1		1		1	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	NA	11,400	B	10,700	B	13,200	B	19,500	B
Antimony	NA	NA	2.38	U	2.54	U	2.41	U	4.41	
Arsenic	13	16	12.9		10.3		11.5		51.9	
Barium	350	400	153		148		194		151	
Beryllium	7.2	72	0.183		0.169		0.246		0.313	
Cadmium	2.5	4.3	0.505		0.31		0.378		0.385	
Calcium	NA	NA	9,840	B	11,900	B	25,600	B	8,960	B
Chromium	30	180	15.4		15.3		17.6		25.5	
Cobalt	NA	NA	8.35		7.14		8.13		14.4	
Copper	50	270	41.5		36.8		31.7		64	
Iron	NA	NA	18,900		16,600		21,800		35,300	
Lead	63	400	754		612		503		457	
Magnesium	NA	NA	3,690		4,200		7,770		7,930	
Manganese	1,600	2,000	526		471		631		1,060	
Mercury	0.18	0.81	0.467		0.542		0.355		0.455	
Nickel	30	310	27.6		21.5		24.4		37	
Potassium	NA	NA	1,160		1,080		1,090		1,710	
Selenium	3.9	180	3.95		3.62		3.61		8.16	
Silver	2	180	0.481	U	0.512	U	0.486	U	0.634	U
Sodium	NA	NA	96.3		251		135		201	
Thallium	NA	NA	2.38	U	2.54	U	2.41	U	3.15	U
Vanadium	NA	NA	27.5		27.9		24.3		32	
Zinc	109	10,000	183	B	232	B	215	B	335	B

Analyte Detected

Analyte Above UU SCO

Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 2: Pesticides in Soil**

Site ID: 137 Smith Street, 140 Montgomery Street and 146 Montgomery Street

GBTS Project: 22003-0092

Sample Date Dilution			SB-01 3-4		SB-02 0-5c		SB-03 5-7		SB-04 5-6.5	
			2022-11-11		2022-11-11		2022-11-11		2022-11-11	
			5		5		5		5	
Pesticides, 8081	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	0.00183	U	0.00418	D	0.00177	U	0.0191	D
4,4'-DDE	0.0033	8.9	0.00183	U	0.0247	D	0.00177	U	0.0815	D
4,4'-DDT	0.0033	7.9	0.002	D	0.0374	D	0.00177	U	0.216	D
Aldrin	0.005	0.097	0.00183	U	0.00176	U	0.00177	U	0.00188	U
alpha-BHC	0.02	0.48	0.00183	U	0.00176	U	0.00177	U	0.00188	U
alpha-Chlordane	0.094	4.2	0.00183	U	0.00176	U	0.00177	U	0.0297	D
beta-BHC	0.036	0.36	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Chlordane (total)	NA	NA	0.0366	U	NT	U	0.0353	U	0.0994	D
delta-BHC	0.04	100	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Dieldrin	0.005	0.2	0.00183	U	0.00199	D	0.00177	U	0.0197	D
Endosulfan I	2.4	24	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Endosulfan II	2.4	24	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Endosulfan sulfate	2.4	24	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Endrin	0.014	11	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Endrin aldehyde	NA	NA	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Endrin ketone	NA	NA	0.00183	U	0.00176	U	0.00177	U	0.00188	U
gamma-BHC (Lindane)	0.1	1.3	0.00183	U	0.00176	U	0.00177	U	0.00188	U
gamma-Chlordane	NA	NA	0.00183	U	NT	U	0.00177	U	0.0149	D
Heptachlor	0.042	2.1	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Heptachlor Epoxide	NA	NA	0.00183	U	0.00176	U	0.00177	U	0.00188	U
Methoxychlor	NA	NA	0.00916	U	0.0088	U	0.00883	U	0.0094	U
Toxaphene	NA	NA	0.0927	U	0.089	U	0.0894	U	0.0951	U

Analyte Detected

Analyte Above UU SCO

Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted



**Table 2: Pesticides in Soil**

Site ID: 137 Smith Street, 140 Montgomery Street and 146 Montgomery Street

GBTS Project: 22003-0092

Sample Date Dilution			SB-05 0-5c		SB-06 0-2		SB-07 0-5c		SB-08 1-2c	
			2022-11-11		2022-11-11		2022-11-11		2022-11-11	
			5		5		5		5	
Pesticides, 8081	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	0.0018	U	0.00189	U	0.00188	U	0.0018	U
4,4'-DDE	0.0033	8.9	0.0018	U	0.00189	U	0.00188	U	0.00324	D
4,4'-DDT	0.0033	7.9	0.0018	U	0.00189	U	0.00204	D	0.00658	D
Aldrin	0.005	0.097	0.0018	U	0.00189	U	0.00188	U	0.0018	U
alpha-BHC	0.02	0.48	0.0018	U	0.00189	U	0.00188	U	0.0018	U
alpha-Chlordane	0.094	4.2	0.0018	U	0.00189	U	0.00188	U	0.0018	U
beta-BHC	0.036	0.36	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Chlordane (total)	NA	NA	0.036	U	0.0378	U	0.0375	U	0.0359	U
delta-BHC	0.04	100	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Dieldrin	0.005	0.2	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Endosulfan I	2.4	24	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Endosulfan II	2.4	24	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Endosulfan sulfate	2.4	24	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Endrin	0.014	11	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Endrin aldehyde	NA	NA	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Endrin ketone	NA	NA	0.0018	U	0.00189	U	0.00188	U	0.0018	U
gamma-BHC (Lindane)	0.1	1.3	0.0018	U	0.00189	U	0.00188	U	0.0018	U
gamma-Chlordane	NA	NA	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Heptachlor	0.042	2.1	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Heptachlor Epoxide	NA	NA	0.0018	U	0.00189	U	0.00188	U	0.0018	U
Methoxychlor	NA	NA	0.00899	U	0.00944	U	0.00938	U	0.00898	U
Toxaphene	NA	NA	0.091	U	0.0956	U	0.0949	U	0.0909	U

Analyte Detected

Analyte Above UU SCO

Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 2: Pesticides in Soil**

Site ID: 137 Smith Street, 140 Montgomery Street and 146 Montgomery Street

GBTS Project: 22003-0092

Sample			SB-09 0-5c		SS-01		SS-02		SS-03	
			Date		Date		Date		Date	
U= Not Detected ≥ value			2022-11-11		2022-11-11		2022-11-11		2022-11-11	
All data in mg/Kg (ppm)			Dilution		Dilution		Dilution		Dilution	
			5		5		5		5	
Pesticides, 8081	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	0.00182	U	0.00431	D	0.00188	U	0.00198	U
4,4'-DDE	0.0033	8.9	0.00182	U	0.0224	D	0.00188	U	0.00198	U
4,4'-DDT	0.0033	7.9	0.00182	U	0.0757	D	0.00188	U	0.00198	U
Aldrin	0.005	0.097	0.00182	U	0.00216	U	0.00188	U	0.00198	U
alpha-BHC	0.02	0.48	0.00182	U	0.00216	U	0.00188	U	0.00198	U
alpha-Chlordane	0.094	4.2	0.00182	U	0.0197	D	0.00188	U	0.00198	U
beta-BHC	0.036	0.36	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Chlordane (total)	NA	NA	0.0363	U	0.135	D	0.0375	U	0.0396	U
delta-BHC	0.04	100	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Dieldrin	0.005	0.2	0.00182	U	0.0211	D	0.00188	U	0.00198	U
Endosulfan I	2.4	24	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Endosulfan II	2.4	24	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Endosulfan sulfate	2.4	24	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Endrin	0.014	11	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Endrin aldehyde	NA	NA	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Endrin ketone	NA	NA	0.00182	U	0.00216	U	0.00188	U	0.00198	U
gamma-BHC (Lindane)	0.1	1.3	0.00182	U	0.00216	U	0.00188	U	0.00198	U
gamma-Chlordane	NA	NA	0.00182	U	0.018	D	0.00188	U	0.00198	U
Heptachlor	0.042	2.1	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Heptachlor Epoxide	NA	NA	0.00182	U	0.00216	U	0.00188	U	0.00198	U
Methoxychlor	NA	NA	0.00908	U	0.0108	U	0.00938	U	0.00989	U
Toxaphene	NA	NA	0.0919	U	0.109	U	0.095	U	0.1	U

- Analyte Detected
- Analyte Above UU SCO
- Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

**Table 2: Pesticides in Soil**

Site ID: 137 Smith Street, 140 Montgomery Street and 146 Montgomery Street

GBTS Project: 22003-0092

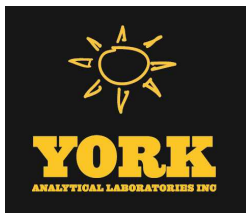
Sample			SS-04		SS-05	
			2022-11-11		2022-11-11	
Date			5		5	
Dilution			5		5	
Pesticides, 8081	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	0.00189	U	0.00243	U
4,4'-DDE	0.0033	8.9	0.00213	D	0.00243	U
4,4'-DDT	0.0033	7.9	0.00466	D	0.00806	D
Aldrin	0.005	0.097	0.00189	U	0.00243	U
alpha-BHC	0.02	0.48	0.00189	U	0.00243	U
alpha-Chlordane	0.094	4.2	0.00189	U	0.00243	U
beta-BHC	0.036	0.36	0.00189	U	0.00243	U
Chlordane (total)	NA	NA	0.0378	U	0.0487	U
delta-BHC	0.04	100	0.00189	U	0.00243	U
Dieldrin	0.005	0.2	0.00189	U	0.00243	U
Endosulfan I	2.4	24	0.00189	U	0.00243	U
Endosulfan II	2.4	24	0.00189	U	0.00243	U
Endosulfan sulfate	2.4	24	0.00189	U	0.00243	U
Endrin	0.014	11	0.00189	U	0.00243	U
Endrin aldehyde	NA	NA	0.00189	U	0.00243	U
Endrin ketone	NA	NA	0.00189	U	0.00243	U
gamma-BHC (Lindane)	0.1	1.3	0.00189	U	0.00243	U
gamma-Chlordane	NA	NA	0.00189	U	0.00243	U
Heptachlor	0.042	2.1	0.00189	U	0.00243	U
Heptachlor Epoxide	NA	NA	0.00189	U	0.00243	U
Methoxychlor	NA	NA	0.00946	U	0.0122	U
Toxaphene	NA	NA	0.0957	U	0.123	U

- Analyte Detected
- Analyte Above UU SCO
- Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available  
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

APPENDIX D

Laboratory Report



# Technical Report

prepared for:

**Gallagher Bassett - Poughkeepsie, NY**

22 IBM Road, Suite 101  
Poughkeepsie NY, 12601  
**Attention: Erick Salazar**

Report Date: 11/29/2022

**Client Project ID: 22003-0092**

York Project (SDG) No.: 22K0754

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
[www.YORKLAB.com](http://www.YORKLAB.com)

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132-02 89th AVENUE  
FAX (203) 357-0166

RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)

Report Date: 11/29/2022  
Client Project ID: 22003-0092  
York Project (SDG) No.: 22K0754

**Gallagher Bassett - Poughkeepsie, NY**  
22 IBM Road, Suite 101  
Poughkeepsie NY, 12601  
Attention: Erick Salazar

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 14, 2022 and listed below. The project was identified as your project: **22003-0092**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
22K0754-01	SB-01 3-4	Soil	11/11/2022	11/14/2022
22K0754-02	SB-02 0-5 c	Soil	11/11/2022	11/14/2022
22K0754-03	SB-03 5-7	Soil	11/11/2022	11/14/2022
22K0754-04	SB-04 5-6.5	Soil	11/11/2022	11/14/2022
22K0754-05	SB-05 0-5 c	Soil	11/11/2022	11/14/2022
22K0754-06	SB-06 0-2	Soil	11/11/2022	11/14/2022
22K0754-07	SB-07 0-5 c	Soil	11/11/2022	11/14/2022
22K0754-08	SB-08 1-2 c	Soil	11/11/2022	11/14/2022
22K0754-09	SB-09 0-5 c	Soil	11/11/2022	11/14/2022
22K0754-10	SS-01	Soil	11/11/2022	11/14/2022
22K0754-11	SS-02	Soil	11/11/2022	11/14/2022
22K0754-12	SS-03	Soil	11/11/2022	11/14/2022
22K0754-13	SS-04	Soil	11/11/2022	11/14/2022
22K0754-14	SS-05	Soil	11/11/2022	11/14/2022

## **General Notes for York Project (SDG) No.: 22K0754**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

**Approved By:** 

**Date:** 11/29/2022

Cassie L. Mosher  
Laboratory Manager





### Sample Information

**Client Sample ID:** SB-01 3-4

**York Sample ID:** 22K0754-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
22K0754	22003-0092	Soil	November 11, 2022 3:00 pm	11/14/2022

**Pesticides, 8081 target list**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
50-29-3	<b>4,4'-DDT</b>	<b>0.00200</b>		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 03:04	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00916	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0927	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:04	BJ-

**Surrogate Recoveries**

**Result**

**Acceptance Range**





### Sample Information

**Client Sample ID:** SB-01 3-4

**York Sample ID:** 22K0754-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	78.6 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	80.8 %			30-150					

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>14100</b>	B	mg/kg dry	4.73	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-38-2	<b>Arsenic</b>	<b>19.0</b>		mg/kg dry	1.42	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-39-3	<b>Barium</b>	<b>153</b>		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-41-7	<b>Beryllium</b>	<b>0.438</b>	B	mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-43-9	<b>Cadmium</b>	<b>0.364</b>		mg/kg dry	0.284	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-70-2	<b>Calcium</b>	<b>2280</b>	B	mg/kg dry	4.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-47-3	<b>Chromium</b>	<b>19.0</b>	B	mg/kg dry	0.474	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-48-4	<b>Cobalt</b>	<b>11.0</b>	B	mg/kg dry	0.378	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-50-8	<b>Copper</b>	<b>39.1</b>	B	mg/kg dry	1.89	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7439-89-6	<b>Iron</b>	<b>23900</b>	B	mg/kg dry	23.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7439-92-1	<b>Lead</b>	<b>496</b>	B	mg/kg dry	0.474	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7439-95-4	<b>Magnesium</b>	<b>4300</b>	B	mg/kg dry	4.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7439-96-5	<b>Manganese</b>	<b>722</b>	B	mg/kg dry	0.474	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-02-0	<b>Nickel</b>	<b>22.8</b>	B	mg/kg dry	0.943	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-09-7	<b>Potassium</b>	<b>934</b>		mg/kg dry	4.74	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7782-49-2	<b>Selenium</b>	<b>4.94</b>		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-22-4	Silver	ND		mg/kg dry	0.477	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL



### Sample Information

**Client Sample ID:** SB-01 3-4

**York Sample ID:** 22K0754-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	108		mg/kg dry	47.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-62-2	Vanadium	19.5		mg/kg dry	0.943	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL
7440-66-6	Zinc	179	B	mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:41	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.87		mg/kg dry	0.0341	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 12:01	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.0		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS

### Sample Information

**Client Sample ID:** SB-02 0-5 c

**York Sample ID:** 22K0754-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	0.00418		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
72-55-9	4,4'-DDE	0.0247		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
50-29-3	4,4'-DDT	0.0374		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-



### Sample Information

**Client Sample ID:** SB-02 0-5 c

**York Sample ID:** 22K0754-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
57-74-9	* Chlordane, total [2C]	ND		mg/kg dry	0.0352	5	EPA 8081B Certifications:	11/23/2022 08:17	11/29/2022 03:20	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
60-57-1	<b>Dieldrin</b>	<b>0.00199</b>		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 03:20	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
5566-34-7	<b>gamma-Chlordane [2C]</b>	<b>0.00176</b>		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00880	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0890	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:20	BJ-
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	58.5 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	44.8 %		30-150						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**



## Sample Information

**Client Sample ID:** SB-02 0-5 c

**York Sample ID:** 22K0754-02

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14900	B	mg/kg dry	4.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-38-2	Arsenic	20.1		mg/kg dry	1.36	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-39-3	Barium	319		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-41-7	Beryllium	0.266	B	mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-43-9	Cadmium	0.742		mg/kg dry	0.273	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-70-2	Calcium	13400	B	mg/kg dry	4.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-47-3	Chromium	23.6	B	mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-48-4	Cobalt	10.0	B	mg/kg dry	0.363	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-50-8	Copper	65.7	B	mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7439-89-6	Iron	26000	B	mg/kg dry	22.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7439-92-1	Lead	1550	B	mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7439-95-4	Magnesium	5960	B	mg/kg dry	4.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7439-96-5	Manganese	545	B	mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-02-0	Nickel	24.7	B	mg/kg dry	0.906	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-09-7	Potassium	1120		mg/kg dry	4.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7782-49-2	Selenium	5.73		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-22-4	Silver	ND		mg/kg dry	0.458	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-23-5	Sodium	601		mg/kg dry	45.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-62-2	Vanadium	24.1		mg/kg dry	0.906	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL
7440-66-6	Zinc	422	B	mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:44	AJL



### Sample Information

**Client Sample ID:** SB-02 0-5 c

**York Sample ID:** 22K0754-02

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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**Mercury by 7473**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	2.73		mg/kg dry	0.0327	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 12:36	KT

**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.7		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS

### Sample Information

**Client Sample ID:** SB-03 5-7

**York Sample ID:** 22K0754-03

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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**Pesticides, 8081 target list**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-



### Sample Information

**Client Sample ID:** SB-03 5-7

**York Sample ID:** 22K0754-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 03:37	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00883	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0894	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:37	BJ-
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	80.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	70.6 %	30-150							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	17500	B	mg/kg dry	4.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-38-2	Arsenic	20.9		mg/kg dry	1.35	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-39-3	Barium	60.7		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-41-7	Beryllium	0.536	B	mg/kg dry	0.045	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-43-9	Cadmium	0.358		mg/kg dry	0.269	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL



### Sample Information

**Client Sample ID:** SB-03 5-7

**York Sample ID:** 22K0754-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	4730	B	mg/kg dry	4.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-47-3	Chromium	21.7	B	mg/kg dry	0.449	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-48-4	Cobalt	15.4	B	mg/kg dry	0.359	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-50-8	Copper	28.9	B	mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7439-89-6	Iron	35800	B	mg/kg dry	22.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7439-92-1	Lead	38.7	B	mg/kg dry	0.449	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7439-95-4	Magnesium	7160	B	mg/kg dry	4.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7439-96-5	Manganese	1170	B	mg/kg dry	0.449	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-02-0	Nickel	31.4	B	mg/kg dry	0.894	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-09-7	Potassium	1070		mg/kg dry	4.49	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7782-49-2	Selenium	7.00		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-22-4	Silver	ND		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-23-5	Sodium	ND		mg/kg dry	44.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-62-2	Vanadium	24.6		mg/kg dry	0.894	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL
7440-66-6	Zinc	76.7	B	mg/kg dry	2.24	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:48	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0860		mg/kg dry	0.0323	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 12:48	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**





### Sample Information

**Client Sample ID:** SB-03 5-7

**York Sample ID:** 22K0754-03

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
solids	* % Solids	92.8		%	0.100	1	SM 2540G	11/23/2022 12:52	11/23/2022 15:45	MCS	
							Certifications:	CTDOH-PH-0723			

### Sample Information

**Client Sample ID:** SB-04 5-6.5

**York Sample ID:** 22K0754-04

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
72-54-8	4,4'-DDD	0.0191		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	0.0815		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	0.216		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	0.0297		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
12789-03-6	Chlordane, total	0.0994		mg/kg dry	0.0376	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	0.0197		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	11/23/2022 08:17	11/29/2022 03:54	BJ-	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			





### Sample Information

**Client Sample ID:** SB-04 5-6.5

**York Sample ID:** 22K0754-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:54	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:54	BJ-
5566-34-7	<b>gamma-Chlordane</b>	<b>0.0149</b>		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 03:54	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:54	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:54	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00940	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:54	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0951	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 03:54	BJ-
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	80.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	78.5 %	30-150							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>13600</b>	B	mg/kg dry	4.78	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-38-2	<b>Arsenic</b>	<b>12.2</b>		mg/kg dry	1.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-39-3	<b>Barium</b>	<b>117</b>		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-41-7	<b>Beryllium</b>	<b>0.230</b>	B	mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-43-9	<b>Cadmium</b>	<b>0.341</b>		mg/kg dry	0.287	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-70-2	<b>Calcium</b>	<b>18000</b>	B	mg/kg dry	4.78	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-47-3	<b>Chromium</b>	<b>16.3</b>	B	mg/kg dry	0.478	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-48-4	<b>Cobalt</b>	<b>9.00</b>	B	mg/kg dry	0.382	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-50-8	<b>Copper</b>	<b>28.1</b>	B	mg/kg dry	1.91	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7439-89-6	<b>Iron</b>	<b>22600</b>	B	mg/kg dry	23.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL



### Sample Information

**Client Sample ID:** SB-04 5-6.5

**York Sample ID:** 22K0754-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	172	B	mg/kg dry	0.478	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7439-95-4	Magnesium	8280	B	mg/kg dry	4.78	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7439-96-5	Manganese	604	B	mg/kg dry	0.478	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-02-0	Nickel	22.0	B	mg/kg dry	0.952	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-09-7	Potassium	1360		mg/kg dry	4.78	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7782-49-2	Selenium	3.40		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-22-4	Silver	ND		mg/kg dry	0.482	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-23-5	Sodium	ND		mg/kg dry	47.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-62-2	Vanadium	16.4		mg/kg dry	0.952	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL
7440-66-6	Zinc	119	B	mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:51	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.884		mg/kg dry	0.0344	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 12:58	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.2		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS



### Sample Information

**Client Sample ID:** SB-05 0-5 c

**York Sample ID:** 22K0754-05

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 04:11	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00899	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0910	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:11	BJ-
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	87.5 %		30-150						



### Sample Information

**Client Sample ID:** SB-05 0-5 c

**York Sample ID:** 22K0754-05

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	83.1 %			30-150					

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13300	B	mg/kg dry	4.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-38-2	Arsenic	22.2		mg/kg dry	1.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-39-3	Barium	315		mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-43-9	Cadmium	1.12		mg/kg dry	0.274	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-70-2	Calcium	10100	B	mg/kg dry	4.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-47-3	Chromium	17.5	B	mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-48-4	Cobalt	9.64	B	mg/kg dry	0.365	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-50-8	Copper	62.4	B	mg/kg dry	1.83	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7439-89-6	Iron	26700	B	mg/kg dry	22.9	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7439-92-1	Lead	1870	B	mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7439-95-4	Magnesium	4490	B	mg/kg dry	4.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7439-96-5	Manganese	704	B	mg/kg dry	0.457	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-02-0	Nickel	21.9	B	mg/kg dry	0.911	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-09-7	Potassium	1060		mg/kg dry	4.57	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7782-49-2	Selenium	5.39		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-22-4	Silver	ND		mg/kg dry	0.461	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL



### Sample Information

**Client Sample ID:** SB-05 0-5 c

**York Sample ID:** 22K0754-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	722		mg/kg dry	45.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-62-2	Vanadium	19.8		mg/kg dry	0.911	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL
7440-66-6	Zinc	478	B	mg/kg dry	2.28	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 16:55	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.91		mg/kg dry	0.0329	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 13:07	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.2		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS

### Sample Information

**Client Sample ID:** SB-06 0-2

**York Sample ID:** 22K0754-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

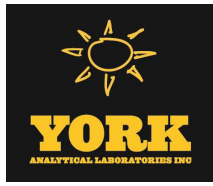
**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:28	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:28	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 04:28	BJ-



Sample Information

Client Sample ID: SB-06 0-2

York Sample ID: 22K0754-06

York Project (SDG) No. 22K0754

Client Project ID 22003-0092

Matrix Soil

Collection Date/Time November 11, 2022 3:00 pm

Date Received 11/14/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains multiple rows of pesticide data and a section for Surrogate Recoveries.

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains contact information for 120 RESEARCH DRIVE, STRATFORD, CT 06615.



### Sample Information

**Client Sample ID:** SB-06 0-2

**York Sample ID:** 22K0754-06

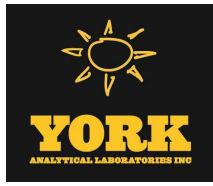
<u>York Project (SDG) No.</u>		<u>Client Project ID</u>		<u>Matrix</u>	<u>Collection Date/Time</u>		<u>Date Received</u>		
22K0754		22003-0092		Soil	November 11, 2022 3:00 pm		11/14/2022		
7429-90-5	<b>Aluminum</b>	<b>15800</b>	B	mg/kg dry	4.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-38-2	<b>Arsenic</b>	<b>19.3</b>		mg/kg dry	1.44	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-39-3	<b>Barium</b>	<b>101</b>		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-41-7	<b>Beryllium</b>	<b>0.364</b>	B	mg/kg dry	0.049	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.289	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-70-2	<b>Calcium</b>	<b>1190</b>	B	mg/kg dry	4.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-47-3	<b>Chromium</b>	<b>19.2</b>	B	mg/kg dry	0.482	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-48-4	<b>Cobalt</b>	<b>11.0</b>	B	mg/kg dry	0.385	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-50-8	<b>Copper</b>	<b>42.2</b>	B	mg/kg dry	1.93	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7439-89-6	<b>Iron</b>	<b>27600</b>	B	mg/kg dry	24.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7439-92-1	<b>Lead</b>	<b>309</b>	B	mg/kg dry	0.482	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7439-95-4	<b>Magnesium</b>	<b>5810</b>	B	mg/kg dry	4.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7439-96-5	<b>Manganese</b>	<b>692</b>	B	mg/kg dry	0.482	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-02-0	<b>Nickel</b>	<b>27.6</b>	B	mg/kg dry	0.959	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-09-7	<b>Potassium</b>	<b>1210</b>		mg/kg dry	4.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7782-49-2	<b>Selenium</b>	<b>7.27</b>		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-22-4	Silver	ND		mg/kg dry	0.485	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-23-5	Sodium	ND		mg/kg dry	48.2	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-62-2	<b>Vanadium</b>	<b>19.3</b>		mg/kg dry	0.959	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL
7440-66-6	<b>Zinc</b>	<b>109</b>	B	mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29 11/23/2022 16:59	AJL

Mercury by 7473

Log-in Notes:

Sample Notes:





### Sample Information

**Client Sample ID:** SB-06 0-2

**York Sample ID:** 22K0754-06

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.477		mg/kg dry	0.0347	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 13:20	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.5		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS

### Sample Information

**Client Sample ID:** SB-07 0-5 c

**York Sample ID:** 22K0754-07

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
50-29-3	4,4'-DDT	0.00204		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-





### Sample Information

**Client Sample ID:** SB-07 0-5 c

**York Sample ID:** 22K0754-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 05:19	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00938	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0949	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:19	BJ-
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>					
2051-24-3	Surrogate: Decachlorobiphenyl	74.6 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	69.3 %			30-150					

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>13400</b>	B	mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-38-2	<b>Arsenic</b>	<b>30.9</b>		mg/kg dry	1.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-39-3	<b>Barium</b>	<b>218</b>		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-41-7	<b>Beryllium</b>	<b>0.159</b>	B	mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-43-9	<b>Cadmium</b>	<b>0.406</b>		mg/kg dry	0.285	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-70-2	<b>Calcium</b>	<b>12500</b>	B	mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL



### Sample Information

**Client Sample ID:** SB-07 0-5 c

**York Sample ID:** 22K0754-07

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	Chromium	18.6	B	mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-48-4	Cobalt	9.30	B	mg/kg dry	0.380	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-50-8	Copper	50.2	B	mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7439-89-6	Iron	30900	B	mg/kg dry	23.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7439-92-1	Lead	1220	B	mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7439-95-4	Magnesium	4850	B	mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7439-96-5	Manganese	579	B	mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-02-0	Nickel	25.9	B	mg/kg dry	0.946	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-09-7	Potassium	1070		mg/kg dry	4.75	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7782-49-2	Selenium	7.76		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-22-4	Silver	ND		mg/kg dry	0.479	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-23-5	Sodium	164		mg/kg dry	47.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-62-2	Vanadium	22.6		mg/kg dry	0.946	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL
7440-66-6	Zinc	282	B	mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:02	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.72		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 13:29	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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### Sample Information

**Client Sample ID:** SB-07 0-5 c

**York Sample ID:** 22K0754-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
solids	* % Solids	87.7		%	0.100	1	SM 2540G	11/23/2022 12:52	11/23/2022 15:45	MCS	
							Certifications:	CTDOH-PH-0723			

### Sample Information

**Client Sample ID:** SB-08 1-2 c

**York Sample ID:** 22K0754-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	0.00324		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	0.00658		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	NELAC-NY10854,NJDEP			
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0359	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854			
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	11/23/2022 08:17	11/29/2022 13:20	BJ	
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			



### Sample Information

**Client Sample ID:** SB-08 1-2 c

**York Sample ID:** 22K0754-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:20	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:20	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:20	BJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 13:20	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:20	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:20	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00898	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:20	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.0909	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:20	BJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	58.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	44.5 %	30-150							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14900	B	mg/kg dry	4.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-38-2	Arsenic	14.9		mg/kg dry	1.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-39-3	Barium	168		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-41-7	Beryllium	0.380	B	mg/kg dry	0.046	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.276	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-70-2	Calcium	5160	B	mg/kg dry	4.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-47-3	Chromium	16.8	B	mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-48-4	Cobalt	8.89	B	mg/kg dry	0.367	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-50-8	Copper	28.2	B	mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL



### Sample Information

**Client Sample ID:** SB-08 1-2 c

**York Sample ID:** 22K0754-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	<b>Iron</b>	<b>21100</b>	B	mg/kg dry	23.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7439-92-1	<b>Lead</b>	<b>398</b>	B	mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7439-95-4	<b>Magnesium</b>	<b>4140</b>	B	mg/kg dry	4.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7439-96-5	<b>Manganese</b>	<b>740</b>	B	mg/kg dry	0.460	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-02-0	<b>Nickel</b>	<b>21.4</b>	B	mg/kg dry	0.916	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-09-7	<b>Potassium</b>	<b>852</b>		mg/kg dry	4.60	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7782-49-2	<b>Selenium</b>	<b>5.22</b>		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-23-5	Sodium	ND		mg/kg dry	46.0	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-62-2	<b>Vanadium</b>	<b>20.8</b>		mg/kg dry	0.916	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL
7440-66-6	<b>Zinc</b>	<b>150</b>	B	mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:14	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	<b>Mercury</b>	<b>1.13</b>		mg/kg dry	0.0331	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 13:41	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	<b>* % Solids</b>	<b>90.6</b>		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS



### Sample Information

**Client Sample ID:** SB-09 0-5 c

**York Sample ID:** 22K0754-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 05:36	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00908	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0919	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:36	BJ-
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	67.6 %		30-150						



### Sample Information

**Client Sample ID:** SB-09 0-5 c

**York Sample ID:** 22K0754-09

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	72.7 %			30-150					

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10900	B	mg/kg dry	4.66	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-38-2	Arsenic	4.56		mg/kg dry	1.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-39-3	Barium	109		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-70-2	Calcium	45900	B	mg/kg dry	4.66	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-47-3	Chromium	11.5	B	mg/kg dry	0.467	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-48-4	Cobalt	5.46	B	mg/kg dry	0.373	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-50-8	Copper	18.4	B	mg/kg dry	1.86	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7439-89-6	Iron	14400	B	mg/kg dry	23.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7439-92-1	Lead	317	B	mg/kg dry	0.467	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7439-95-4	Magnesium	8410	B	mg/kg dry	4.67	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7439-96-5	Manganese	429	B	mg/kg dry	0.467	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-02-0	Nickel	13.2	B	mg/kg dry	0.929	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-09-7	Potassium	889		mg/kg dry	4.67	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7782-49-2	Selenium	2.62		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL





### Sample Information

**Client Sample ID:** SB-09 0-5 c

**York Sample ID:** 22K0754-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	179		mg/kg dry	46.6	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-62-2	Vanadium	15.2		mg/kg dry	0.929	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL
7440-66-6	Zinc	94.3	B	mg/kg dry	2.32	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/17/2022 18:29	11/23/2022 17:17	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0889		mg/kg dry	0.0336	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 13:53	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS

### Sample Information

**Client Sample ID:** SS-01

**York Sample ID:** 22K0754-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	0.00431		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
72-55-9	4,4'-DDE	0.0224		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
50-29-3	4,4'-DDT	0.0757		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ





### Sample Information

**Client Sample ID:** SS-01

**York Sample ID:** 22K0754-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
5103-71-9	<b>alpha-Chlordane</b>	<b>0.0197</b>		mg/kg dry	0.00216	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 13:38	BJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
12789-03-6	<b>Chlordane, total</b>	<b>0.135</b>		mg/kg dry	0.0432	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
60-57-1	<b>Dieldrin</b>	<b>0.0211</b>		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 13:38	BJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
72-20-8	Endrin	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
5566-34-7	<b>gamma-Chlordane</b>	<b>0.0180</b>		mg/kg dry	0.00216	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 13:38	BJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00216	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.0108	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.109	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 13:38	BJ
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	72.9 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	57.4 %		30-150						

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**



### Sample Information

**Client Sample ID:** SS-01

**York Sample ID:** 22K0754-10

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>9200</b>	B	mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-38-2	<b>Arsenic</b>	<b>22.9</b>		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-39-3	<b>Barium</b>	<b>544</b>		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-43-9	<b>Cadmium</b>	<b>4.66</b>		mg/kg dry	0.333	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-70-2	<b>Calcium</b>	<b>11400</b>	B	mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-47-3	<b>Chromium</b>	<b>28.9</b>		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-48-4	<b>Cobalt</b>	<b>8.28</b>		mg/kg dry	0.443	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-50-8	<b>Copper</b>	<b>78.2</b>		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7439-89-6	<b>Iron</b>	<b>32900</b>		mg/kg dry	27.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7439-92-1	<b>Lead</b>	<b>3050</b>		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7439-95-4	<b>Magnesium</b>	<b>3960</b>		mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7439-96-5	<b>Manganese</b>	<b>554</b>		mg/kg dry	0.555	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-02-0	<b>Nickel</b>	<b>33.0</b>		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-09-7	<b>Potassium</b>	<b>1010</b>		mg/kg dry	5.55	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7782-49-2	<b>Selenium</b>	<b>8.90</b>		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-22-4	Silver	ND		mg/kg dry	0.559	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-23-5	<b>Sodium</b>	<b>1770</b>		mg/kg dry	55.5	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-62-2	<b>Vanadium</b>	<b>28.2</b>		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL
7440-66-6	<b>Zinc</b>	<b>848</b>	B	mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 17:59	AJL



### Sample Information

**Client Sample ID:** SS-01

**York Sample ID:** 22K0754-10

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.32		mg/kg dry	0.0399	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 14:03	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	75.1		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS

### Sample Information

**Client Sample ID:** SS-02

**York Sample ID:** 22K0754-11

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-



### Sample Information

**Client Sample ID:** SS-02

**York Sample ID:** 22K0754-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 05:52	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00938	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0950	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 05:52	BJ-
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	69.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	60.7 %	30-150							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11400	B	mg/kg dry	4.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-38-2	Arsenic	12.9		mg/kg dry	1.43	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-39-3	Barium	153		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-41-7	Beryllium	0.183		mg/kg dry	0.048	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-43-9	Cadmium	0.505		mg/kg dry	0.286	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL



### Sample Information

**Client Sample ID:** SS-02

**York Sample ID:** 22K0754-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	9840	B	mg/kg dry	4.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-47-3	Chromium	15.4		mg/kg dry	0.477	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-48-4	Cobalt	8.35		mg/kg dry	0.381	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-50-8	Copper	41.5		mg/kg dry	1.91	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7439-89-6	Iron	18900		mg/kg dry	23.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7439-92-1	Lead	754		mg/kg dry	0.477	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7439-95-4	Magnesium	3690		mg/kg dry	4.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7439-96-5	Manganese	526		mg/kg dry	0.477	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-02-0	Nickel	27.6		mg/kg dry	0.950	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-09-7	Potassium	1160		mg/kg dry	4.77	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7782-49-2	Selenium	3.95		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-23-5	Sodium	96.3		mg/kg dry	47.7	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-62-2	Vanadium	27.5		mg/kg dry	0.950	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL
7440-66-6	Zinc	183	B	mg/kg dry	2.38	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:02	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.467		mg/kg dry	0.0343	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 14:50	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**



**Sample Information**

**Client Sample ID:** SS-02

**York Sample ID:** 22K0754-11

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS

**Sample Information**

**Client Sample ID:** SS-03

**York Sample ID:** 22K0754-12

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0396	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 06:09	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-



### Sample Information

**Client Sample ID:** SS-03

**York Sample ID:** 22K0754-12

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00989	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.100	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:09	BJ-
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	61.8 %	30-150							

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>10700</b>	B	mg/kg dry	5.08	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-38-2	<b>Arsenic</b>	<b>10.3</b>		mg/kg dry	1.52	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-39-3	<b>Barium</b>	<b>148</b>		mg/kg dry	2.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-41-7	<b>Beryllium</b>	<b>0.169</b>		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-43-9	<b>Cadmium</b>	<b>0.310</b>		mg/kg dry	0.305	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-70-2	<b>Calcium</b>	<b>11900</b>	B	mg/kg dry	5.08	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-47-3	<b>Chromium</b>	<b>15.3</b>		mg/kg dry	0.508	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-48-4	<b>Cobalt</b>	<b>7.14</b>		mg/kg dry	0.406	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-50-8	<b>Copper</b>	<b>36.8</b>		mg/kg dry	2.03	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7439-89-6	<b>Iron</b>	<b>16600</b>		mg/kg dry	25.4	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL





### Sample Information

**Client Sample ID:** SS-03

**York Sample ID:** 22K0754-12

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	612		mg/kg dry	0.508	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7439-95-4	Magnesium	4200		mg/kg dry	5.08	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7439-96-5	Manganese	471		mg/kg dry	0.508	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-02-0	Nickel	21.5		mg/kg dry	1.01	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-09-7	Potassium	1080		mg/kg dry	5.08	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7782-49-2	Selenium	3.62		mg/kg dry	2.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-22-4	Silver	ND		mg/kg dry	0.512	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-23-5	Sodium	251		mg/kg dry	50.8	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.54	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-62-2	Vanadium	27.9		mg/kg dry	1.01	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL
7440-66-6	Zinc	232	B	mg/kg dry	2.53	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:06	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.542		mg/kg dry	0.0366	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 14:58	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.1		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 12:52	11/23/2022 15:45	MCS





### Sample Information

**Client Sample ID:** SS-04

**York Sample ID:** 22K0754-13

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
72-55-9	4,4'-DDE	0.00213		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
50-29-3	4,4'-DDT	0.00466		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
12789-03-6	Chlordane, total	ND		mg/kg dry	0.0378	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854	11/23/2022 08:17	11/29/2022 06:26	BJ-
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
72-43-5	Methoxychlor	ND		mg/kg dry	0.00946	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-
8001-35-2	Toxaphene	ND		mg/kg dry	0.0957	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:26	BJ-

**Surrogate Recoveries**

**Result**

**Acceptance Range**



### Sample Information

**Client Sample ID:** SS-04

**York Sample ID:** 22K0754-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	Surrogate: Decachlorobiphenyl	77.1 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	75.2 %			30-150					

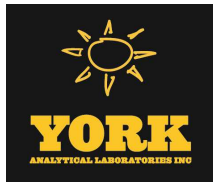
**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>13200</b>	B	mg/kg dry	4.82	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-36-0	Antimony	ND		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-38-2	<b>Arsenic</b>	<b>11.5</b>		mg/kg dry	1.45	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-39-3	<b>Barium</b>	<b>194</b>		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-41-7	<b>Beryllium</b>	<b>0.246</b>		mg/kg dry	0.049	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-43-9	<b>Cadmium</b>	<b>0.378</b>		mg/kg dry	0.289	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-70-2	<b>Calcium</b>	<b>25600</b>	B	mg/kg dry	4.83	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-47-3	<b>Chromium</b>	<b>17.6</b>		mg/kg dry	0.483	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-48-4	<b>Cobalt</b>	<b>8.13</b>		mg/kg dry	0.386	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-50-8	<b>Copper</b>	<b>31.7</b>		mg/kg dry	1.93	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7439-89-6	<b>Iron</b>	<b>21800</b>		mg/kg dry	24.1	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7439-92-1	<b>Lead</b>	<b>503</b>		mg/kg dry	0.483	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7439-95-4	<b>Magnesium</b>	<b>7770</b>		mg/kg dry	4.83	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7439-96-5	<b>Manganese</b>	<b>631</b>		mg/kg dry	0.483	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-02-0	<b>Nickel</b>	<b>24.4</b>		mg/kg dry	0.961	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-09-7	<b>Potassium</b>	<b>1090</b>		mg/kg dry	4.83	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7782-49-2	<b>Selenium</b>	<b>3.61</b>		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-22-4	Silver	ND		mg/kg dry	0.486	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL



**Sample Information**

**Client Sample ID:** SS-04

**York Sample ID:** 22K0754-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	135		mg/kg dry	48.3	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-28-0	Thallium	ND		mg/kg dry	2.41	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-62-2	Vanadium	24.3		mg/kg dry	0.961	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL
7440-66-6	Zinc	215	B	mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/18/2022 13:14	11/23/2022 18:10	AJL

**Mercury by 7473**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.355		mg/kg dry	0.0347	1	EPA 7473 Certifications: CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP	11/25/2022 09:36	11/25/2022 15:07	KT

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.4		%	0.100	1	SM 2540G Certifications: CTDOH-PH-0723	11/23/2022 14:23	11/23/2022 16:18	MCS

**Sample Information**

**Client Sample ID:** SS-05

**York Sample ID:** 22K0754-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:43	BJ-
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:43	BJ-
50-29-3	4,4'-DDT	0.00806		mg/kg dry	0.00243	5	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	11/23/2022 08:17	11/29/2022 06:43	BJ-



Sample Information

Client Sample ID: SS-05

York Sample ID: 22K0754-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, Chlordane, total, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), gamma-Chlordane, Heptachlor, Heptachlor epoxide, Methoxychlor, Toxaphene, and Surrogate Recoveries.

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes contact information for 120 RESEARCH DRIVE, STRATFORD, CT 06615 and 132-02 89th AVENUE, RICHMOND HILL, NY 11418.



### Sample Information

**Client Sample ID:** SS-05

**York Sample ID:** 22K0754-14

<u>York Project (SDG) No.</u> 22K0754	<u>Client Project ID</u> 22003-0092	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 11, 2022 3:00 pm	<u>Date Received</u> 11/14/2022
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Sample ID	Element	Concentration	Units	Matrix	Concentration	Matrix	Collection Date/Time	Date Received	Lab
7429-90-5	Aluminum	19500	B mg/kg dry	6.29	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	4.41	mg/kg dry	3.15	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	51.9	mg/kg dry	1.89	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	151	mg/kg dry	3.14	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	0.313	mg/kg dry	0.063	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	0.385	mg/kg dry	0.377	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	8960	B mg/kg dry	6.29	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	25.5	mg/kg dry	0.630	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	14.4	mg/kg dry	0.503	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	64.0	mg/kg dry	2.52	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	35300	mg/kg dry	31.5	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	457	mg/kg dry	0.630	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	7930	mg/kg dry	6.30	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	1060	mg/kg dry	0.630	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	37.0	mg/kg dry	1.25	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	1710	mg/kg dry	6.30	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	8.16	mg/kg dry	3.15	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND	mg/kg dry	0.634	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	201	mg/kg dry	62.9	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND	mg/kg dry	3.15	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	32.0	mg/kg dry	1.25	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	335	B mg/kg dry	3.13	1	EPA 6010D	11/18/2022 13:14	11/23/2022 18:14	AJL
						Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:



**Sample Information**

**Client Sample ID:** SS-05

**York Sample ID:** 22K0754-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

22K0754

22003-0092

Soil

November 11, 2022 3:00 pm

11/14/2022

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.455		mg/kg dry	0.0453	1	EPA 7473	11/25/2022 09:36	11/25/2022 15:16	KT
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	66.2		%	0.100	1	SM 2540G	11/23/2022 14:23	11/23/2022 16:18	MCS
							Certifications:	CTDOH-PH-0723		



## Analytical Batch Summary

**Batch ID:** BK21139

**Preparation Method:** EPA 3050B

**Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22K0754-01	SB-01 3-4	11/17/22
22K0754-02	SB-02 0-5 c	11/17/22
22K0754-03	SB-03 5-7	11/17/22
22K0754-04	SB-04 5-6.5	11/17/22
22K0754-05	SB-05 0-5 c	11/17/22
22K0754-06	SB-06 0-2	11/17/22
22K0754-07	SB-07 0-5 c	11/17/22
22K0754-08	SB-08 1-2 c	11/17/22
22K0754-09	SB-09 0-5 c	11/17/22
BK21139-BLK1	Blank	11/17/22
BK21139-DUP1	Duplicate	11/17/22
BK21139-MS1	Matrix Spike	11/17/22
BK21139-PS1	Post Spike	11/17/22
BK21139-SRM1	Reference	11/17/22

**Batch ID:** BK21189

**Preparation Method:** EPA 3050B

**Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
22K0754-10	SS-01	11/18/22
22K0754-11	SS-02	11/18/22
22K0754-12	SS-03	11/18/22
22K0754-13	SS-04	11/18/22
22K0754-14	SS-05	11/18/22
BK21189-BLK1	Blank	11/18/22
BK21189-DUP1	Duplicate	11/18/22
BK21189-MS1	Matrix Spike	11/18/22
BK21189-PS1	Post Spike	11/18/22
BK21189-SRM1	Reference	11/18/22

**Batch ID:** BK21451

**Preparation Method:** EPA 3550C

**Prepared By:** FK

YORK Sample ID	Client Sample ID	Preparation Date
22K0754-01	SB-01 3-4	11/23/22
22K0754-02	SB-02 0-5 c	11/23/22
22K0754-03	SB-03 5-7	11/23/22
22K0754-04	SB-04 5-6.5	11/23/22
22K0754-05	SB-05 0-5 c	11/23/22
22K0754-06	SB-06 0-2	11/23/22
22K0754-07	SB-07 0-5 c	11/23/22
22K0754-08	SB-08 1-2 c	11/23/22
22K0754-09	SB-09 0-5 c	11/23/22
22K0754-10	SS-01	11/23/22
22K0754-11	SS-02	11/23/22
22K0754-12	SS-03	11/23/22
22K0754-13	SS-04	11/23/22



22K0754-14	SS-05	11/23/22
BK21451-BLK1	Blank	11/22/22
BK21451-BS1	LCS	11/22/22

**Batch ID:** BK21497      **Preparation Method:** % Solids Prep      **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
22K0754-01	SB-01 3-4	11/23/22
22K0754-02	SB-02 0-5 c	11/23/22
22K0754-03	SB-03 5-7	11/23/22
22K0754-04	SB-04 5-6.5	11/23/22
22K0754-05	SB-05 0-5 c	11/23/22
22K0754-06	SB-06 0-2	11/23/22
22K0754-07	SB-07 0-5 c	11/23/22
22K0754-08	SB-08 1-2 c	11/23/22
22K0754-09	SB-09 0-5 c	11/23/22
22K0754-10	SS-01	11/23/22
22K0754-11	SS-02	11/23/22
22K0754-12	SS-03	11/23/22
BK21497-DUP1	Duplicate	11/23/22

**Batch ID:** BK21504      **Preparation Method:** % Solids Prep      **Prepared By:** MCS

YORK Sample ID	Client Sample ID	Preparation Date
22K0754-13	SS-04	11/23/22
22K0754-14	SS-05	11/23/22
BK21504-DUP1	Duplicate	11/23/22

**Batch ID:** BK21542      **Preparation Method:** EPA 7473 soil      **Prepared By:** K T

YORK Sample ID	Client Sample ID	Preparation Date
22K0754-01	SB-01 3-4	11/25/22
22K0754-02	SB-02 0-5 c	11/25/22
22K0754-03	SB-03 5-7	11/25/22
22K0754-04	SB-04 5-6.5	11/25/22
22K0754-05	SB-05 0-5 c	11/25/22
22K0754-06	SB-06 0-2	11/25/22
22K0754-07	SB-07 0-5 c	11/25/22
22K0754-08	SB-08 1-2 c	11/25/22
22K0754-09	SB-09 0-5 c	11/25/22
22K0754-10	SS-01	11/25/22
22K0754-11	SS-02	11/25/22
22K0754-12	SS-03	11/25/22
22K0754-13	SS-04	11/25/22
22K0754-14	SS-05	11/25/22
BK21542-BLK1	Blank	11/25/22
BK21542-DUP1	Duplicate	11/25/22
BK21542-MS1	Matrix Spike	11/25/22
BK21542-SRM1	Reference	11/25/22







**Organochlorine Pesticides by GC/ECD - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit			Result					Limit	Flag

**Batch BK21451 - EPA 3550C**

**Blank (BK21451-BLK1)**

Prepared: 11/22/2022 Analyzed: 11/29/2022

4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
Chlordane, total	ND	0.0330	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00825	"								
Toxaphene	ND	0.0835	"								

Surrogate: Decachlorobiphenyl 0.0439  
 Surrogate: Tetrachloro-m-xylene 0.0470

0.0667 65.9 30-150  
 0.0667 70.5 30-150

**LCS (BK21451-BS1)**

Prepared: 11/22/2022 Analyzed: 11/29/2022

4,4'-DDD	0.0250	0.00165	mg/kg wet	0.0333		75.1	40-140
4,4'-DDE	0.0245	0.00165	"	0.0333		73.6	40-140
4,4'-DDT	0.0212	0.00165	"	0.0333		63.6	40-140
Aldrin	0.0254	0.00165	"	0.0333		76.2	40-140
alpha-BHC	0.0262	0.00165	"	0.0333		78.6	40-140
alpha-Chlordane	0.0256	0.00165	"	0.0333		76.9	40-140
beta-BHC	0.0296	0.00165	"	0.0333		88.8	40-140
delta-BHC	0.0267	0.00165	"	0.0333		80.2	40-140
Dieldrin	0.0251	0.00165	"	0.0333		75.2	40-140
Endosulfan I	0.0257	0.00165	"	0.0333		77.1	40-140
Endosulfan II	0.0250	0.00165	"	0.0333		75.1	40-140
Endosulfan sulfate	0.0253	0.00165	"	0.0333		75.8	40-140
Endrin	0.0241	0.00165	"	0.0333		72.3	40-140
Endrin aldehyde	0.0264	0.00165	"	0.0333		79.2	40-140
Endrin ketone	0.0250	0.00165	"	0.0333		75.2	40-140
gamma-BHC (Lindane)	0.0263	0.00165	"	0.0333		79.0	40-140
gamma-Chlordane	0.0255	0.00165	"	0.0333		76.5	40-140
Heptachlor	0.0254	0.00165	"	0.0333		76.1	40-140
Heptachlor epoxide	0.0262	0.00165	"	0.0333		78.5	40-140
Methoxychlor	0.0244	0.00825	"	0.0333		73.3	40-140

Surrogate: Decachlorobiphenyl 0.0547  
 Surrogate: Tetrachloro-m-xylene 0.0484

0.0667 82.1 30-150  
 0.0667 72.7 30-150



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK21139 - EPA 3050B**

**Blank (BK21139-BLK1)**

Prepared: 11/17/2022 Analyzed: 11/22/2022

Aluminum	14.8	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	0.196	0.042	"								
Cadmium	ND	0.250	"								
Calcium	39.4	4.17	"								
Chromium	0.629	0.417	"								
Cobalt	0.334	0.333	"								
Copper	3.03	1.67	"								
Iron	26.9	20.8	"								
Lead	0.496	0.417	"								
Magnesium	5.17	4.17	"								
Manganese	1.23	0.417	"								
Nickel	0.853	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	3.07	2.08	"								

**Duplicate (BK21139-DUP1)**

\*Source sample: 22K0800-46 (Duplicate)

Prepared: 11/17/2022 Analyzed: 11/23/2022

Aluminum	3120	4.63	mg/kg dry		3710				17.5	35	
Antimony	ND	2.32	"		ND					35	
Arsenic	8.95	1.39	"		8.79				1.85	35	
Barium	107	2.31	"		95.8				11.0	35	
Beryllium	ND	0.047	"		ND					35	
Cadmium	ND	0.278	"		ND					35	
Calcium	14200	4.64	"		18200				24.8	35	
Chromium	9.73	0.464	"		10.6				8.79	35	
Cobalt	4.58	0.370	"		4.78				4.13	35	
Copper	52.7	1.85	"		57.9				9.39	35	
Iron	17300	23.2	"		19200				10.5	35	
Lead	131	0.464	"		133				1.52	35	
Magnesium	6570	4.64	"		9070				32.0	35	
Manganese	115	0.464	"		119				2.79	35	
Nickel	15.1	0.923	"		15.3				0.784	35	
Potassium	492	4.64	"		536				8.67	35	
Selenium	3.82	2.32	"		3.18				18.3	35	
Silver	ND	0.467	"		ND					35	
Sodium	ND	46.4	"		ND					35	
Thallium	ND	2.32	"		ND					35	
Vanadium	31.0	0.923	"		32.8				5.67	35	
Zinc	58.2	2.31	"		56.4				3.04	35	



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit

Batch BK21139 - EPA 3050B

Matrix Spike (BK21139-MS1)	*Source sample: 22K0800-46 (Matrix Spike)						Prepared: 11/17/2022 Analyzed: 11/23/2022			
Aluminum	3510	4.63	mg/kg dry	185	3710	NR	75-125	Low Bias		
Antimony	10.5	2.32	"	23.2	ND	45.4	75-125	Low Bias		
Arsenic	188	1.39	"	185	8.79	96.7	75-125			
Barium	283	2.31	"	185	95.8	101	75-125			
Beryllium	2.59	0.047	"	4.64	ND	55.8	75-125	Low Bias		
Cadmium	4.16	0.278	"	4.64	ND	89.8	75-125			
Calcium	23800	4.64	"	92.7	18200	NR	75-125	High Bias		
Chromium	26.6	0.464	"	18.5	10.6	86.1	75-125			
Cobalt	46.5	0.370	"	46.4	4.78	90.1	75-125			
Copper	74.2	1.85	"	23.2	57.9	70.1	75-125	Low Bias		
Iron	18500	23.2	"	92.7	19200	NR	75-125	Low Bias		
Lead	174	0.464	"	46.4	133	88.3	75-125			
Magnesium	11300	4.64	"	92.7	9070	NR	75-125	High Bias		
Manganese	162	0.464	"	46.4	119	92.9	75-125			
Nickel	55.9	0.923	"	46.4	15.3	87.8	75-125			
Potassium	750	4.64	"	92.7	536	231	75-125	High Bias		
Selenium	176	2.32	"	185	3.18	93.1	75-125			
Silver	4.78	0.467	"	4.64	ND	103	75-125			
Sodium	ND	46.4	"	92.7	ND		75-125	Low Bias		
Thallium	124	2.32	"	185	ND	67.1	75-125	Low Bias		
Vanadium	69.7	0.923	"	46.4	32.8	79.7	75-125			
Zinc	84.6	2.31	"	46.4	56.4	60.8	75-125	Low Bias		

Post Spike (BK21139-PS1)	*Source sample: 22K0800-46 (Post Spike)						Prepared: 11/17/2022 Analyzed: 11/23/2022			
Aluminum	42.9		ug/mL	2.00	40.1	141	75-125	High Bias		
Antimony	0.307		"	0.250	0.023	114	75-125			
Arsenic	2.33		"	2.00	0.095	112	75-125			
Barium	3.24		"	2.00	1.03	110	75-125			
Beryllium	0.035		"	0.0500	-0.019	70.5	75-125	Low Bias		
Cadmium	0.053		"	0.0500	0.0002	106	75-125			
Calcium	195		"	1.00	197	NR	75-125	Low Bias		
Chromium	0.325		"	0.200	0.115	105	75-125			
Cobalt	0.579		"	0.500	0.052	105	75-125			
Copper	0.927		"	0.250	0.625	121	75-125			
Iron	205		"	1.00	207	NR	75-125	Low Bias		
Lead	1.98		"	0.500	1.43	109	75-125			
Magnesium	97.1		"	1.00	97.8	NR	75-125	Low Bias		
Manganese	1.82		"	0.500	1.28	107	75-125			
Nickel	0.689		"	0.500	0.165	105	75-125			
Potassium	6.80		"	1.00	5.79	101	75-125			
Selenium	2.23		"	2.00	0.034	110	75-125			
Silver	0.050		"	0.0500	-0.009	99.6	75-125			
Sodium	0.767		"	1.00	-1.31	76.7	75-125			
Thallium	2.13		"	2.00	-0.003	107	75-125			
Vanadium	0.891		"	0.500	0.354	107	75-125			
Zinc	1.11		"	0.500	0.609	99.6	75-125			



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK21139 - EPA 3050B**

**Reference (BK21139-SRM1)**

Prepared: 11/17/2022 Analyzed: 11/22/2022

Aluminum	7600	4.17	mg/kg wet	7970		95.3	49.7-150.6				
Antimony	67.6	2.08	"	136		49.7	20.4-249.3				
Arsenic	90.9	1.25	"	87.4		104	70-130.4				
Barium	349	2.08	"	347		101	75.2-130.3				
Beryllium	97.1	0.042	"	103		94.2	74.8-132				
Cadmium	151	0.250	"	160		94.2	75-145.6				
Calcium	4040	4.17	"	4100		98.4	71.7-139.3				
Chromium	220	0.417	"	231		95.4	70.1-134.2				
Cobalt	234	0.333	"	241		97.0	75.1-141.5				
Copper	155	1.67	"	144		108	75-126.4				
Iron	11900	20.8	"	14200		83.5	35.3-164.8				
Lead	260	0.417	"	266		97.7	74.1-125.9				
Magnesium	2140	4.17	"	2220		96.6	61.3-138.7				
Manganese	540	0.417	"	555		97.3	77.3-132.8				
Nickel	340	0.830	"	350		97.3	70-144				
Potassium	1950	4.17	"	1940		101	58.2-141.8				
Selenium	140	2.08	"	130		107	66.9-133.8				
Silver	59.9	0.420	"	57.1		105	70.2-129.8				
Sodium	44.1	41.7	"	117		37.6	30.5-170.1				
Thallium	75.8	2.08	"	75.4		101	64.3-135.3				
Vanadium	78.9	0.830	"	88.6		89.0	65.6-134.3				
Zinc	150	2.08	"	160		93.5	70-130				

**Batch BK21189 - EPA 3050B**

**Blank (BK21189-BLK1)**

Prepared: 11/18/2022 Analyzed: 11/22/2022

Aluminum	8.95	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	29.6	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	2.46	2.08	"								



**Metals by ICP - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK21189 - EPA 3050B**

<b>Duplicate (BK21189-DUP1)</b>	<b>*Source sample: 22K0865-01 (Duplicate)</b>						<b>Prepared: 11/18/2022 Analyzed: 11/23/2022</b>				
Aluminum	14600	5.31	mg/kg dry		14600				0.0257	35	
Antimony	ND	2.66	"		ND					35	
Arsenic	ND	1.59	"		ND					35	
Barium	67.4	2.65	"		62.0				8.32	35	
Beryllium	ND	0.054	"		ND					35	
Cadmium	ND	0.319	"		ND					35	
Calcium	1350	5.32	"		1200				12.3	35	
Chromium	28.1	0.532	"		30.4				7.88	35	
Cobalt	9.90	0.425	"		10.9				9.48	35	
Copper	25.1	2.13	"		25.3				0.982	35	
Iron	21600	26.6	"		22800				5.21	35	
Lead	41.4	0.532	"		15.3				92.2	35	Non-dir.
Magnesium	4650	5.32	"		4970				6.63	35	
Manganese	359	0.532	"		440				20.5	35	
Nickel	21.1	1.06	"		22.4				6.23	35	
Potassium	1370	5.32	"		1480				7.84	35	
Selenium	4.18	2.66	"		3.18				27.3	35	
Silver	ND	0.536	"		ND					35	
Sodium	ND	53.2	"		ND					35	
Thallium	ND	2.66	"		ND					35	
Vanadium	36.2	1.06	"		38.4				5.87	35	
Zinc	65.5	2.65	"		53.3				20.6	35	

<b>Matrix Spike (BK21189-MS1)</b>	<b>*Source sample: 22K0865-01 (Matrix Spike)</b>						<b>Prepared: 11/18/2022 Analyzed: 11/23/2022</b>				
Aluminum	14800	5.31	mg/kg dry	213	14600	71.8	75-125	Low Bias			
Antimony	7.85	2.66	"	26.6	ND	29.5	75-125	Low Bias			
Arsenic	181	1.59	"	213	ND	85.4	75-125				
Barium	260	2.65	"	213	62.0	93.0	75-125				
Beryllium	ND	0.054	"	5.32	ND		75-125	Low Bias			
Cadmium	4.62	0.319	"	5.32	ND	86.9	75-125				
Calcium	1270	5.32	"	106	1200	64.1	75-125	Low Bias			
Chromium	47.3	0.532	"	21.3	30.4	79.6	75-125				
Cobalt	56.5	0.425	"	53.2	10.9	85.9	75-125				
Copper	51.0	2.13	"	26.6	25.3	96.7	75-125				
Iron	21400	26.6	"	106	22800	NR	75-125	Low Bias			
Lead	88.0	0.532	"	53.2	15.3	137	75-125	High Bias			
Magnesium	4650	5.32	"	106	4970	NR	75-125	Low Bias			
Manganese	415	0.532	"	53.2	440	NR	75-125	Low Bias			
Nickel	68.0	1.06	"	53.2	22.4	85.6	75-125				
Potassium	1410	5.32	"	106	1480	NR	75-125	Low Bias			
Selenium	191	2.66	"	213	3.18	88.5	75-125				
Silver	4.12	0.536	"	5.32	ND	77.5	75-125				
Sodium	ND	53.2	"	106	ND		75-125	Low Bias			
Thallium	182	2.66	"	213	ND	85.4	75-125				
Vanadium	81.6	1.06	"	53.2	38.4	81.3	75-125				
Zinc	102	2.65	"	53.2	53.3	92.5	75-125				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK21189 - EPA 3050B

Post Spike (BK21189-PS1)

\*Source sample: 22K0865-01 (Post Spike)

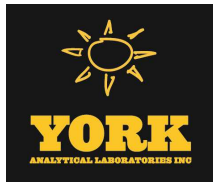
Prepared: 11/18/2022 Analyzed: 11/23/2022

Aluminum	140		ug/mL	2.00	137	137	75-125	High Bias			
Antimony	0.298		"	0.250	0.023	110	75-125				
Arsenic	2.08		"	2.00	-0.106	104	75-125				
Barium	2.74		"	2.00	0.583	108	75-125				
Beryllium	-0.011		"	0.0500	-0.062		75-125	Low Bias			
Cadmium	0.053		"	0.0500	0.001	104	75-125				
Calcium	11.4		"	1.00	11.3	9.53	75-125	Low Bias			
Chromium	0.499		"	0.200	0.286	107	75-125				
Cobalt	0.626		"	0.500	0.102	105	75-125				
Copper	0.532		"	0.250	0.238	117	75-125				
Iron	217		"	1.00	214	251	75-125	High Bias			
Lead	0.692		"	0.500	0.144	110	75-125				
Magnesium	48.9		"	1.00	46.7	212	75-125	High Bias			
Manganese	4.70		"	0.500	4.14	112	75-125				
Nickel	0.740		"	0.500	0.211	106	75-125				
Potassium	15.3		"	1.00	14.0	131	75-125	High Bias			
Selenium	2.19		"	2.00	0.030	108	75-125				
Silver	0.036		"	0.0500	-0.014	71.8	75-125	Low Bias			
Sodium	-4.57		"	1.00	-6.57		75-125	Low Bias			
Thallium	2.08		"	2.00	-0.037	104	75-125				
Vanadium	0.879		"	0.500	0.361	104	75-125				
Zinc	1.02		"	0.500	0.501	105	75-125				

Reference (BK21189-SRM1)

Prepared: 11/18/2022 Analyzed: 11/22/2022

Aluminum	7640	4.17	mg/kg wet	7970		95.8	49.7-150.6				
Antimony	70.7	2.08	"	136		52.0	20.4-249.3				
Arsenic	90.3	1.25	"	87.4		103	70-130.4				
Barium	340	2.08	"	347		97.9	75.2-130.3				
Beryllium	96.4	0.042	"	103		93.6	74.8-132				
Cadmium	150	0.250	"	160		94.0	75-145.6				
Calcium	3900	4.17	"	4100		95.1	71.7-139.3				
Chromium	220	0.417	"	231		95.4	70.1-134.2				
Cobalt	233	0.333	"	241		96.6	75.1-141.5				
Copper	155	1.67	"	144		108	75-126.4				
Iron	12400	20.8	"	14200		87.6	35.3-164.8				
Lead	262	0.417	"	266		98.6	74.1-125.9				
Magnesium	2100	4.17	"	2220		94.5	61.3-138.7				
Manganese	545	0.417	"	555		98.1	77.3-132.8				
Nickel	341	0.830	"	350		97.3	70-144				
Potassium	1920	4.17	"	1940		99.1	58.2-141.8				
Selenium	132	2.08	"	130		102	66.9-133.8				
Silver	59.3	0.420	"	57.1		104	70.2-129.8				
Sodium	ND	41.7	"	117			30.5-170.1	Low Bias			
Thallium	72.3	2.08	"	75.4		95.9	64.3-135.3				
Vanadium	79.9	0.830	"	88.6		90.1	65.6-134.3				
Zinc	151	2.08	"	160		94.3	70-130				



**Mercury by EPA 7000/200 Series Methods - Quality Control Data**  
**York Analytical Laboratories, Inc. - Stratford**

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
<b>Batch BK21542 - EPA 7473 soil</b>											
<b>Blank (BK21542-BLK1)</b>											
									Prepared & Analyzed: 11/25/2022		
Mercury	ND	0.0300	mg/kg wet								
<b>Duplicate (BK21542-DUP1)</b>											
	*Source sample: 22K0754-01 (SB-01 3-4)								Prepared & Analyzed: 11/25/2022		
Mercury	2.22	0.0341	mg/kg dry		2.87				25.6	35	
<b>Matrix Spike (BK21542-MS1)</b>											
	*Source sample: 22K0754-01 (SB-01 3-4)								Prepared & Analyzed: 11/25/2022		
Mercury	2.34		mg/kg	0.500	2.52	NR	75-125	Low Bias			
<b>Reference (BK21542-SRM1)</b>											
									Prepared & Analyzed: 11/25/2022		
Mercury	19.428		mg/kg	27.2		71.4	59.9-140.1				





Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

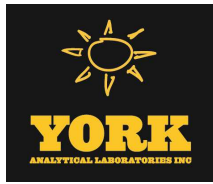
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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**Batch BK21497 - % Solids Prep**

<b>Duplicate (BK21497-DUP1)</b>	*Source sample: 22K0822-01 (Duplicate)						Prepared & Analyzed: 11/23/2022				
% Solids	92.4	0.100	%		92.7				0.323	20	

**Batch BK21504 - % Solids Prep**

<b>Duplicate (BK21504-DUP1)</b>	*Source sample: 22K0880-04 (Duplicate)						Prepared & Analyzed: 11/23/2022				
% Solids	84.6	0.100	%		83.4				1.38	20	





## Sample and Data Qualifiers Relating to This Work Order

M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

### Definitions and Other Explanations

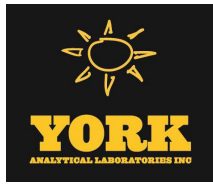
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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# Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 clientservices@yorklab.com www.yorklab.com 800-306-YORK 800-306-9675

YORK Project No. 22k0754 Page 1 of 3

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company: <u>GRTS</u>	Company:	Address: <u>Same</u>		Address:		<u>22003-0092</u>		RUSH - Next Day	
Address: <u>22 BM Rd, Ste 101</u>	Address:	Phone: <u>Same</u>		Phone:		<u>22003-0092</u>		RUSH - Two Day	
Phone: <u>860-435-1201</u>	Phone:	Contact: <u>Same</u>		Contact:				RUSH - Three Day	
Contact:	Contact:	E-mail:		E-mail:				RUSH - Four Day	
E-mail:	E-mail:							Standard (5-7 Day) <input checked="" type="checkbox"/>	

**YOUR PO#:**

<b>Matrix Codes</b>	<b>Samples From</b>	<b>Report / EDD Type (circle selections)</b>	<b>YORK Reg. Comp.</b>
S - soil / solid	New York	<input checked="" type="checkbox"/> Summary Report	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	<input type="checkbox"/> OA Report	<u>Part 375</u>
DW - drinking water	Connecticut	<input type="checkbox"/> NY ASP A Package	
WW - wastewater	Pennsylvania	<input type="checkbox"/> NY ASP B Package	
O - Oil   Other:	Other:	<input type="checkbox"/> Deliverables	
		<input type="checkbox"/> NJDKQP	

**Sample Identification**

Samples Collected by ERICK SALAZAR (Print AND sign your name)

*ERICK SALAZAR*

Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
S	11/11/24	TAL Metals; pesticides	1x 8oz jar
SB-01	3-4		
SB-02	0-5C		
SB-03	5-7		
SB-04	5-6.5		
SB-05	0-5C		
SB-06	0-2		
SB-07	0-5C		
SB-08	1-2C		
SB-09	0-5C		
SS-01			

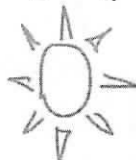
**Comments:** Surface Samples (SS) collected from 0-4' all samples frozen w/in 24 hours

**Preservation:** (check all that apply)

HCl \_\_\_ MeOH \_\_\_ HNO3 \_\_\_ H2SO4 \_\_\_ NaOH \_\_\_

ZnAc \_\_\_ Ascorbic Acid \_\_\_ Other: \_\_\_

<b>1. Samples Relinquished by / Company</b>	<b>Date/Time</b>	<b>2. Samples Relinquished by / Company</b>	<b>Date/Time</b>
<i>Chie York</i>	11-14-22 9:50	<i>Chie York</i>	11-14-22 1:38
<b>3. Samples Relinquished by / Company</b>	<b>Date/Time</b>	<b>3. Samples Received by / Company</b>	<b>Date/Time</b>
<b>4. Samples Relinquished by / Company</b>	<b>Date/Time</b>	<b>Samples Received in LAB by</b>	<b>Date/Time</b>
		<i>11/12/22</i>	<i>1:38</i>



# Field Chain-of-Custody Record

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120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 client.services@yorklab.com www.yorklab.com 800-306-YORK

YORK Project No. 2160754

Page 2 of 3

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company: <u>GBTS</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	Company: <u>Same</u>	RUSH - Next Day	<input type="checkbox"/>
Address: <u>22 15th Ave Sec 10</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	Address: <u>Same</u>	RUSH - Two Day	<input type="checkbox"/>
Phone: <u>Paughtkeavine NY 1260</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	Phone: <u>Same</u>	RUSH - Three Day	<input type="checkbox"/>
Contact: <u>ERICK SALAZAR</u>	Contact: <u>ERICK SALAZAR</u>	Contact: <u>ERICK SALAZAR</u>	Contact: <u>ERICK SALAZAR</u>	Contact: <u>ERICK SALAZAR</u>	Contact: <u>ERICK SALAZAR</u>	Contact: <u>ERICK SALAZAR</u>	Contact: <u>ERICK SALAZAR</u>	RUSH - Four Day	<input type="checkbox"/>
E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	Standard (5-7 Day)	<input checked="" type="checkbox"/>
								Standard (7-10 for PFAS)	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

ERICK SALAZAR

[Signature]

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)	YORK Reg. Comp.
S - soil / solid	New York	<input checked="" type="checkbox"/> Summary Report	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey	QA Report	<u>Part 375</u>
DW - drinking water	Connecticut	Standard Excel EDD	
WW - wastewater	Pennsylvania	NJDEP Reduced Deliverables	
O - Oil   Other:	Other:	NY ASP B Package	
		Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
<u>SS-02</u>	<u>S</u>	<u>11/11/22</u>	<u>TAL Metals; pesticides</u>	<u>1x 8oz jar</u>	
<u>SS-03</u>					
<u>SS-04</u>					
<u>SS-05</u>					
<u>SB-01 3.5</u>					
<u>SB-02 0-5V</u>			<u>HOUD</u>	<u>1x VOA kit</u>	
<u>SB-03 6</u>					
<u>SB-04 5</u>					
<u>SB-05 0-5V</u>					
<u>SB-06 1</u>					

**Comments:** Surface samples (SS) collected from 0-4"  
all samples frozen w/in 24 hours

Preservation: (check all that apply)  
 HCl \_\_\_ MeOH \_\_\_ HNO3 \_\_\_ H2SO4 \_\_\_ NaOH \_\_\_  
 ZnAc \_\_\_ Ascorbic Acid \_\_\_ Other: \_\_\_

1. Samples Relinquished by / Company	2. Samples Relinquished by / Company	3. Samples Received by / Company	4. Samples Received by / Company
<u>[Signature]</u> <u>11/14/22 9:50</u>	<u>Charles York</u> <u>11-14-22 9:50</u>	<u>Charles York</u> <u>11-14-22 11:14:22</u>	<u>[Signature]</u> <u>11/14/22 17:51</u>
Date/Time	Date/Time	Date/Time	Date/Time
Temperature	Temperature	Temperature	Temperature



# YORK ANALYTICAL LABORATORIES INC

# Field Chain-of-Custody Record

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120 Research Drive Stratford, CT 06615 - 132-02 89th Ave Queens, NY 11418 - 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK

YORK Project No. **22K0754**

Page **3** of **3**

<b>YOUR Information</b>		<b>Report To:</b>		<b>Invoice To:</b>		<b>YOUR Project Number</b>		<b>Turn-Around Time</b>	
Company: <b>GST</b>	Address: <b>22 13th Ave SE 101</b>	Company:	Address: <b>Same</b>	Company:	Address: <b>Same</b>	<b>22003-0092</b>		RUSH - Next Day	
Phone: <b>Poughkeepsie NY 12601</b>	Phone: <b>202-222-2222</b>	Address:	Phone: <b>Wells</b>	Address:	Phone: <b>Wells</b>	<b>YOUR Project Name</b>		RUSH - Two Day	
Contact: <b>ERICK SALAZAR</b>	Contact: <b>ERICK SALAZAR</b>	Contact:	Contact: <b>ERICK SALAZAR</b>	Contact:	Contact: <b>ERICK SALAZAR</b>	<b>22003-0092</b>		RUSH - Three Day	
E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	<b>YOUR PO#:</b>		RUSH - Four Day	
								<b>Standard (5-7 Day)</b>	<input checked="" type="checkbox"/>
								<b>(7-10 for PFAS)</b>	

**YORK Reg. Comp.**  
Compared to the following Regulation(s): (please fill in)  
**Part 375**

Matrix Codes	Samples From	Report / EDD Type (circle selections)	Analyses Requested	Container Type	No.
S - soil / solid	New York	<input checked="" type="checkbox"/> Summary Report	CT RCP	1x VOA kit	
GW - groundwater	New Jersey	<input type="checkbox"/> QA Report	CT RCP DQ/DUE		
DW - drinking water	Connecticut	<input type="checkbox"/> Standard Excel/EDD	NYSDEC EQUIS		
WW - wastewater	Pennsylvania	<input type="checkbox"/> NY ASP B Package Deliverables	NJDEP Reduced		
O - Oil   Other:	Other:		NJDEP SRP HazSite		
<b>Sample Matrix</b>	<b>Date/Time Sampled</b>	<b>Analyses Requested</b>			
S	11/11/22	HOLD			
↓	↓	↓			
S	11/11/22	HOLD			
↓	↓	↓			
S	11/11/22	HOLD			
↓	↓	↓			

**Sample Identification**  
Samples Collected by: (print AND sign your name)  
**ERICK SALAZAR**  
*[Signature]*

**Comments:**  
all samples frozen within 24 hours

**Preservation: (check all that apply)**  
 HCl  MeOH  HNO3  H2SO4  NaOH   
 ZnAc  Ascorbic Acid  Other:

**Special Instruction**  
Field Filtered  
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
<i>[Signature]</i>	11/11/22 9:50	<i>[Signature]</i>	11/14/22
<i>[Signature]</i>	11/11/22 9:50	<i>[Signature]</i>	11/14/22
<i>[Signature]</i>	11/11/22 9:50	<i>[Signature]</i>	11/14/22