GALLAGHER BASSETT | TECHNICAL SERVICES

SUMMARY REPORT OF

SUBSURFACE INVESTIGATION

430 Broadway

Village of Monticello

Sullivan County, New York

December 19, 2024

GBTS Project: 24003-0015

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SUBSURFACE INVESTIGATION

December 19, 2024

GBTS Project: 24003-0015

Prepared By:

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Prepared For:

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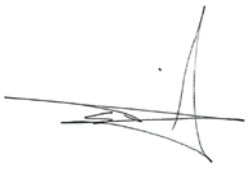
289 Fair Street
Kingston, New York 12401

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



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APPENDICES

Note: For BCP Application, Tectonic Phase II ESA provided as separate standalone document

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 property located at 430 Broadway, Village of Monticello, Town of Thompson, Sullivan County, New York (tax lot ID: Section 112, Block 9, Lot 14.1). Investigative work was performed to address potential impacts from former use of the Site as a dry cleaning facility. 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 on specified portions of the above-referenced property during the indicated fieldwork dates, and is not relevant to other portions of this property or 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 Site is an approximately 0.4-acre parcel located on the northern side of Broadway and the eastern side of Landfield Avenue, occupied by a vacant three-story building (in poor condition) and rear parking lot. Fieldwork was conducted at the western half of the property, which was formerly occupied by a dry cleaner (data from a Sanborn fire insurance map dated 1964). Site location and fieldwork maps are provided in Appendix A.

1.4 Previous Environmental Reports

A Phase II Environmental Site Assessment issued by Tectonic Engineering and Surveying Consultants, P.C. (October 2021; see Appendix E) documented collection of soil from three exterior soil borings, which were extended to refusal (reportedly on bedrock at approximately 7 to 14 feet below ground surface [bgs]). Soil generally consisted of sands with gravel and silt, and included indications of urban fill. Field evidence of contamination was limited to photoionization detector (PID) readings (approximately 116 parts per million [ppm]) at approximately 6 feet bgs at the boring near the northern property line. Saturated soil was not encountered. Laboratory analysis documented elevated levels of polycyclic aromatic hydrocarbons (PAHs), primarily at the northern portion of the Site; there were no detections, however, of chlorinated volatile organic compounds (VOCs), which include the dry cleaning solvent tetrachloroethylene (PCE) and the PCE-breakdown products trichloroethylene (TCE), dichloroethylene (DCE), and vinyl chloride (VC).

2.0 SUBSURFACE INVESTIGATION

2.1 Summary of Services

GBTS conducted the following services at the Site:

- Installed two (2) temporary soil vapor probes in the building basement on May 20, 2024 and collected sub-slab soil vapor samples (SV-01 and SV-02);
- Advanced three (3) soil borings on October 29 and 30, 2024 to a maximum depth of approximately 21 to 22 feet bgs, and completed each boring as a permanent monitoring well (MW-01 to MW-03);
- Sampled each monitoring well on November 6 and 7, 2024; and,
- Documented the presence or absence of contamination through laboratory analysis of vapor samples for VOCs, and groundwater samples for VOCs and semi-volatile organic compounds (SVOCs).

This Report is divided into sections that document fieldwork methodology (Section 2.2) and laboratory results (Section 2.3), and present GBTS's conclusions and recommendations (Section 3.0). A map indicating 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. All boring locations were cleared by personnel from East Coast Geophysics, Inc. using ground penetrating radar and related geophysical survey equipment.

2.2.2 Fieldwork Methodology

<u>General Protocols</u>

Encountered material was screened (as appropriate) with a properly calibrated MiniRAE 3000 (Model PGM 7320) PID for volatile organic vapors. GBTS documented field observations in log books, including any indications of contamination). Fieldwork logs are provided 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.

All samples were collected into appropriately-sized containers provided by the laboratory (with preservatives as required for the specific analysis), and were maintained at proper temperatures (using ice-packs and coolers as needed) while in GBTS's custody.

Samples were transported 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 Vapor

GBTS constructed two temporary soil vapor probes (SV-01 and SV-02) by drilling a ½-inch hole in the basement floor to a depth of approximately 2 feet below the slab surface and inserting ¼" Teflon tubing with an attached ceramic air-stone. The bottom of the tubing was covered with clean sand and the remaining upper portion of the bore hole was sealed using hydrated bentonite clay in order to prevent the infiltration of surface air. The vapor probes were purged prior to sampling for at least a period of five minutes, using a GilAir 3 air-sampling pump, at a rate of approximately 0.2 liters/minute.

Prior to sampling, vapor in the tubing was screened with a properly calibrated PID; no significant readings were observed. The vapor samples were then collected into 6-liter Summa Canisters equipped with two-hour flow controllers.

Extension of Soil Borings

GBTS advanced three (3) mechanized soil borings on and immediately adjoining the Site in order to install monitoring wells. Borings were located as follows:

- MW-01, rear yard in close proximity to the on-site building;
- MW-02, off-site at the adjoining western sidewalk near the center of the building; and,
- MW-03, off-site in the immediately adjoining landscaped area to the south.

Soil borings were advanced by personnel from Aquifer Drilling and Testing, Inc. (Cascade Environmental) on October 29 and 30, 2024 using a mechanized Geoprobe (7822DT) utilizing an 8-inch auger (through loose soil) and a rotary bit (through dense material/bedrock). Borings were extended to depths of approximately 21 to 22 feet bgs. Recovered auger spoils were observed to consist of loamy and silty material, and spoils from rotary drilling were consistent with non-carbonate sedimentary bedrock or passage through dense gravel. No significant field evidence of contamination was observed during fieldwork.

Monitoring Well Installation, Development and Sampling

Soil borings were completed as permanent monitoring wells MW-01, MW-02, and MW-03. Each well was constructed of two-inch PVC casing and ten feet of 0.01-inch slotted PVC well screening (screen interval beginning approximately 11 to 12 feet below grade). The annular space between the well screen and the borehole was backfilled with clean #1 silica sand and a one-foot thick bentonite seal was poured above the sand. The annular space above the bentonite seal was then grouted with cement. Well casings were equipped with gripper caps and were finished with steel "drive-over" covers. Well construction details are provided in Appendix B.

The height of each well casing was surveyed to a vertical accuracy of 0.01 foot, relative to a fixed, on-site artificial benchmark elevation of 100', for use in determining relative groundwater elevations prior to sampling activities.

Monitoring well development was conducted in order to clear fine-grained material that might have settled around the well screen and to enhance the natural hydraulic connection between the well screen and the surrounding soils. Prior to development, each monitoring well casing was opened and the well column was immediately screened with a PID to document the presence of any volatile organic vapors. Water removed from each monitoring well was visually inspected for indications of contamination. Development was conducted using a dedicated plastic tubing and a peristaltic pump, and was considered complete when purged water no longer appeared to be turbid all parameters (turbidity, conductivity, pH and temperature) stabilized.

Monitoring wells were sampled November 6 and 7, 2024 following well development. Water samples were collected following USEPA "Low Stress" (low flow) methodology, after field parameters stabilized during purging, using dedicated plastic tubing and a peristaltic pump. No groundwater samples were filtered prior to submission to the laboratory.

PID readings ranging from 0.6 to 49.2 ppm and mild petroleum odors were noted at the top of the casing after removing the protective cap at monitoring wells MW-01 to MW-03. A mild petroleum odor was noted during the purging of each monitoring well. The static groundwater levels at MW-01, MW-02, and MW-03 were measured at 13.5', 13' and 9.2' bsg, respectively.

Determination of Groundwater Flow

Groundwater depth (from the top of the well casing) was measured prior to sample collection using an electronic depth meter accurate to the nearest 0.01-foot. These data were compared to the heights of the well casings relative to a site specific benchmark in order to derive the approximate direction of groundwater flow, which is to the west.

2.3 Laboratory Analysis

2.3.1 Standards, Criteria and/or Guidance

Vapor

The State of New York does not have any standards, criteria or guidance values for volatile chemicals in subsurface vapors (either soil vapor or sub-slab vapor). In the absence of SCG, soil vapor results were reviewed as a whole and compared to the results of all other environmental sampling. Note: NYSDOH utilizes several generic decision matrices for evaluating potential soil vapor intrusion into buildings under specific circumstances (see NYSDOH website updates and Guidance for Evaluating Soil Vapor Intrusion in the State of New York [October 2006]). Matrices compare concentrations of a limited number of VOCs, reported in concurrent sub-slab vapor and indoor air samples, and summarize actions recommended to address current and potential exposures related to soil vapor intrusion (ranging from no further action to mitigation).

Groundwater

Laboratory results for all compounds detected in water are compared to NYSDEC Division of Water Ambient Water Quality Standards and Guidance Values (AWQS), provided in Technical and Operational Guidance Series 1.1.1.

2.3.2 Sample Submission

Soil vapor samples were analyzed for VOCs using USEPA Method TO-15. Groundwater samples were analyzed for VOCs using USEPA Method 8260 and SVOCs using USEPA Method 8270.

2.3.3 Laboratory Results

A summary of the results of the laboratory analyses is presented below. Results are referenced as micrograms per cubic meter (µg/m^3) for soil vapor, and as parts per billion (ppb, equivalent to micrograms per liter) for groundwater. Data summary tables and the laboratory reports are provided as Appendices C and D, respectively.

VAPOR

High levels of PCE, TCE, and DCE were found in vapor, with maximum values of 9,300 µg/m^3 PCE, 1,300 µg/m^3 TCE, and 90 µg/m^3 cis-DCE reported at SV-01. These chlorinated solvents were report at levels of between one to two orders of magnitude lower at SV-02. Low levels of other VOCs, including petroleum products and solvents, were detected in both samples at concentrations typically encountered in urban settings. Vapor data are presented in Table 1.

GROUNDWATER

Elevated levels of PCE and breakdown products were found in groundwater at MW-02, including 798 ppb PCE (AWQS 5 ppb), 250 ppb TCE (AWQS 5 ppb), 180 ppb cis-DCE (AWQS 5 ppb), and 7.22 ppb VC (AWQS 2 ppb). Additional contamination included elevated p-isopropyltoluene at 5.38 ppb (AWQS 5 ppb), and 1.18 ppb tert-butyl alcohol (TBA; AWQS not established). Total VOCs were reported as approximately 1,237 ppb.

Low levels of PCE, TCE, and cis-DCE (below 1 ppb) were found in MW-03, while MW-01 contained low levels of petroleum compounds (below 5 ppb), and PCE, TCE, or cis-DCE were reported as non-detect.

No significant SVOC contamination was found (there were minimal detections of naphthalene in MW-01 and bis[2-ethylhexyl]phthalate in MW-02).

Groundwater data are presented in Tables 2 and 3.

3.0 CONCLUSIONS AND RECOMMENDATIONS

GBTS has completed the services summarized in Section 2.0 on specified portions of the property at 430 Broadway, Village of Monticello, Town of Thompson, Sullivan County, New York (tax lot ID: Section 112, Block 9, Lot 14.1). Fieldwork (conducted to document the presence or absence of subsurface contamination resulting from historical use of the property as a dry cleaning facility) included collection of two vapor samples from beneath the on-site building, and installation and sampling of three permanent exterior groundwater monitoring wells.

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

1. High levels of the chlorinated solvent PCE, as well as related breakdown products such as TCE, were documented in vapor beneath the on-site building (SV-01) and in groundwater immediately off-site to the west (MW-02). These findings support the conclusion that a solvent release occurred at the former on-site dry cleaning facility. There is insufficient data to determine if any solvent source areas are currently present in Site soils (elevated vapor levels may be due to groundwater contamination conditions), and the extent of known vapor and groundwater contamination is undefined. Reported vapor and groundwater contamination by chlorinated VOCs represent a significant exposure risk for both on-site and off-site receptors, and may be indicative of more extensive off-site contamination conditions (monitoring well data suggest that groundwater flow is westerly).

   It is recommended that all Site investigation data be provided to the NYSDEC, and that the property be further investigated under NYSDEC oversight (for example, within the Brownfield Cleanup Program [BCP]).

2. Documented vapor contamination is indicative of an elevated risk of soil vapor intrusion at the existing on-site building (and any nearby structures) as well as at any planned new structures. Soil vapor intrusion may be controlled through implementation of Engineering Controls, such as vapor barriers and use of sub-slab depressurization system.

   Vapor control mechanisms should be incorporated into any future development designs for the Site, in accordance with NYSDOH requirements.

APPENDIX A – Figures

Site Location Map
430 Broadway
Village of Monticello
Sullivan County, New York

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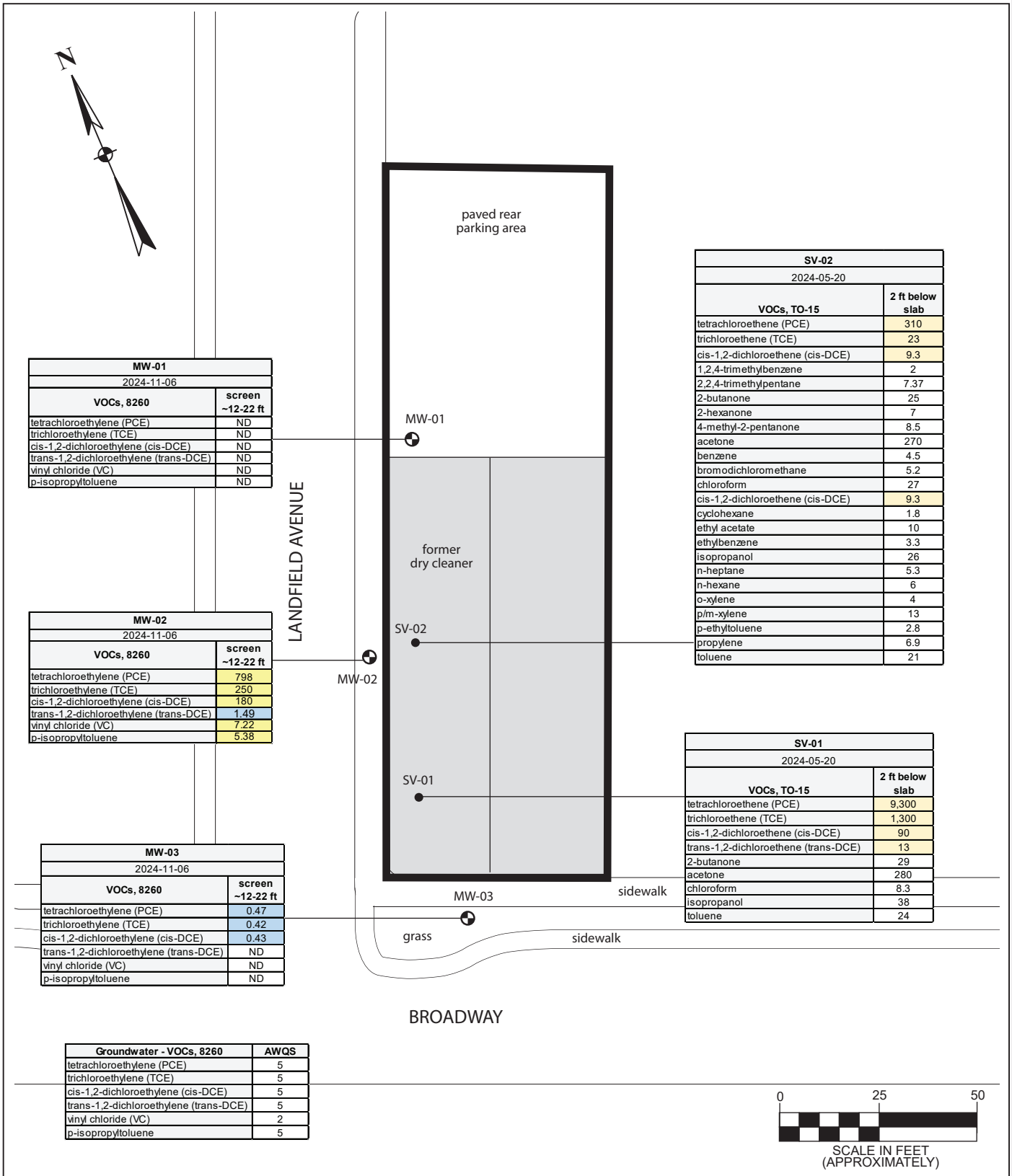
December 2024

Appendix A



MW-01	
2024-11-06	
VOCs, 8260	screen ~12-22 ft
tetrachloroethylene (PCE)	ND
trichloroethylene (TCE)	ND
cis-1,2-dichloroethylene (cis-DCE)	ND
trans-1,2-dichloroethylene (trans-DCE)	ND
vinyl chloride (VC)	ND
p-isopropyltoluene	ND

MW-02	
2024-11-06	
VOCs, 8260	screen ~12-22 ft
tetrachloroethylene (PCE)	798
trichloroethylene (TCE)	250
cis-1,2-dichloroethylene (cis-DCE)	180
trans-1,2-dichloroethylene (trans-DCE)	1.49
vinyl chloride (VC)	7.22
p-isopropyltoluene	5.38

MW-03	
2024-11-06	
VOCs, 8260	screen ~12-22 ft
tetrachloroethylene (PCE)	0.47
trichloroethylene (TCE)	0.42
cis-1,2-dichloroethylene (cis-DCE)	0.43
trans-1,2-dichloroethylene (trans-DCE)	ND
vinyl chloride (VC)	ND
p-isopropyltoluene	ND

SV-02	
2024-05-20	
VOCs, TO-15	2 ft below slab
tetrachloroethene (PCE)	310
trichloroethene (TCE)	23
cis-1,2-dichloroethene (cis-DCE)	9.3
1,2,4-trimethylbenzene	2
2,2,4-trimethylpentane	7.37
2-butanone	25
2-hexanone	7
4-methyl-2-pentanone	8.5
acetone	270
benzene	4.5
bromodichloromethane	5.2
chloroform	27
cis-1,2-dichloroethene (cis-DCE)	9.3
cyclohexane	1.8
ethyl acetate	10
ethylbenzene	3.3
isopropanol	26
n-heptane	5.3
n-hexane	6
o-xylene	4
p/m-xylene	13
p-ethyltoluene	2.8
propylene	6.9
toluene	21

SV-01	
2024-05-20	
VOCs, TO-15	2 ft below slab
tetrachloroethene (PCE)	9,300
trichloroethene (TCE)	1,300
cis-1,2-dichloroethene (cis-DCE)	90
trans-1,2-dichloroethene (trans-DCE)	13
2-butanone	29
acetone	280
chloroform	8.3
isopropanol	38
toluene	24

Groundwater - VOCs, 8260	AWQS
tetrachloroethylene (PCE)	5
trichloroethylene (TCE)	5
cis-1,2-dichloroethylene (cis-DCE)	5
trans-1,2-dichloroethylene (trans-DCE)	5
vinyl chloride (VC)	2
p-isopropyltoluene	5

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

430 Broadway
Village of Monticello, Town of Thompson
Sullivan County, New York

Legend:
- subject property border
- soil vapor location
  - *Soil Vapor data in µg/m³*
  - Detected PCE and breakdown products
- monitoring well location
  - *Groundwater data in µg/L (parts per billion, ppb)*
  - Detected concentrations
  - Concentrations above AWQS

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Scale as shown
Appendix A

APPENDIX B – Fieldwork Logs

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

MW-01 (SHEET 1 OF 3)	430 Broadway, Monticello, New York	GBTS PROJECT 24003-00015
	DATE: 2024-10-30 DRILLER (RIG): ADT (7822DT Geoprobe; auger and air rotary hammer	
	GBTS STAFF: S.D. WEATHER: sunny, 60s F	

BORING INTERVAL	SURFACE MATERIAL: CONCRETE/ASPHALT (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5''	Auger spoils: reddish Silt LOAM with small gravel	Dry	0.0	ND	ND	ND	
5 – 10'	Reddish Silt LOAM with small gravel	Dry	0.0	ND	ND	ND	
10 – 15'	*****Switch to air-rotary hammer***** Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel	Dry	0.0	ND	ND	ND	
15 – 20'	Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel	Sl	0.0	ND	ND	ND	
20 – 25'	Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel ***** End of Boring at 21' *****	Sl	0.0	ND	ND	ND	

Notes

Fill Materials
Not encountered
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
Switch to air-rotary hammer at approximately 8'. 2" PVC monitoring well casing set at 21' bgs, screen from 11' – 21' bgs.

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) **Sl** (slight)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

MW-02 (SHEET 2 OF 3)	430 Broadway, Monticello, New York	GBTS PROJECT 24003-00015
	DATE: 2024-10-30 DRILLER (RIG): ADT (7822DT Geoprobe; auger and air rotary hammer	
	GBTS STAFF: S.D. WEATHER: sunny, 60s F	

BORING INTERVAL(	SURFACE MATERIAL: CONCRETE (8") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5''	Auger spoils: reddish Silt LOAM with small gravel	Dry	0.0	ND	ND	ND	
5 – 10'	reddish Silt LOAM with small gravel ******Switch to air-rotary hammer******	Dry	0.0	ND	ND	ND	
10 – 15'	Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel	Dry	0.0	ND	ND	ND	
15 – 20'	Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel	Sl	0.0	ND	ND	ND	
20 – 25'	Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel ***** End of Boring at 21' *****	Sl	0.0	ND	ND	ND	

Notes

Fill Materials
Not encountered
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
Switch to air-rotary hammer at approximately 8'. 2" PVC monitoring well casing set at 21' bgs, screen from 11' – 21' bgs.

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) **Sl** (slight)

Soil Boring Log

GALLAGHER BASSETT | TECHNICAL SERVICES

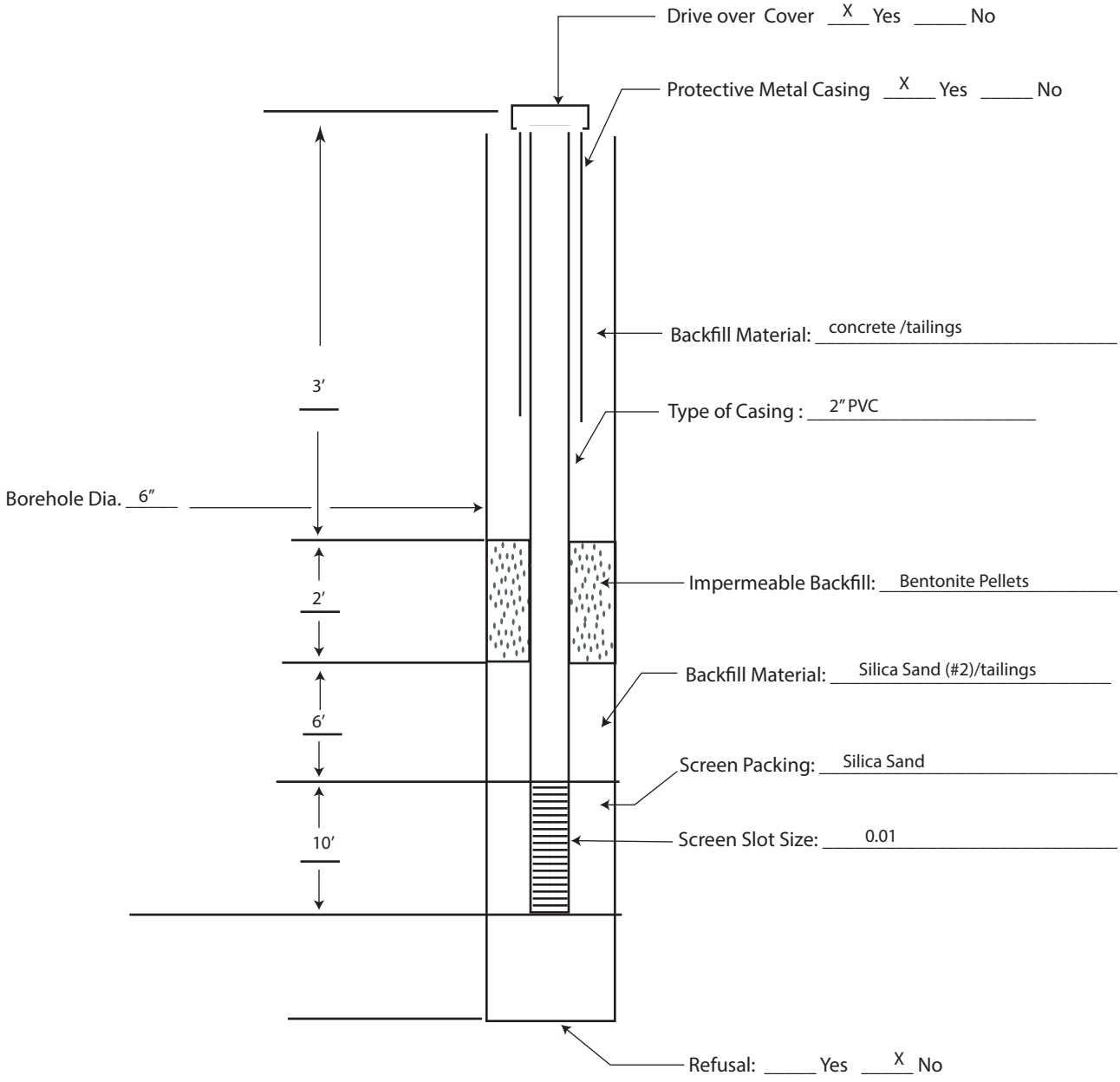
MW-03 (SHEET 3 OF 3)	430 Broadway, Monticello, New York	GBTS PROJECT 24003-00015
	DATE: 2024-10-29 DRILLER (RIG): ADT (7822DT Geoprobe; auger and air rotary hammer	
	GBTS STAFF: S.D. WEATHER: sunny, 50s F	

BORING INTERVAL(	SURFACE MATERIAL: TOP SOIL/GRAS (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5''	Auger spoils: organics in top 4" layer followed by reddish Silt LOAM with small gravel	Dry	0.0	ND	ND	ND	
5 – 10'	reddish Silt LOAM with small gravel ******Switch to air-rotary hammer******	Dry	0.0	ND	ND	ND	
10 – 15'	Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel	Dry	0.0	ND	ND	ND	
15 – 20'	Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel	Sl	0.0	ND	ND	ND	
20 – 25'	Recovered drilling mud appears consistent with advancement through reddish/light brown non-carbonate sedimentary bedrock or dense gravel ***** End of Boring at 22' *****	Sl	0.0	ND	ND	ND	

Notes

Fill Materials
Not encountered
Field Evidence of Contamination
Not encountered
Saturated Soils
Not encountered
Additional Field Notes
Switch to air-rotary hammer at approximately 10'. 2" PVC monitoring well casing set at 22' bgs, screen from 12' – 22' bgs.

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) **Sl** (slight)



Materials Used:

- Screen (PVC)
- Riser (PVC)
- Plug (PVC)
- Silica Sand
- Bentonite Pellets
- Concrete Mix

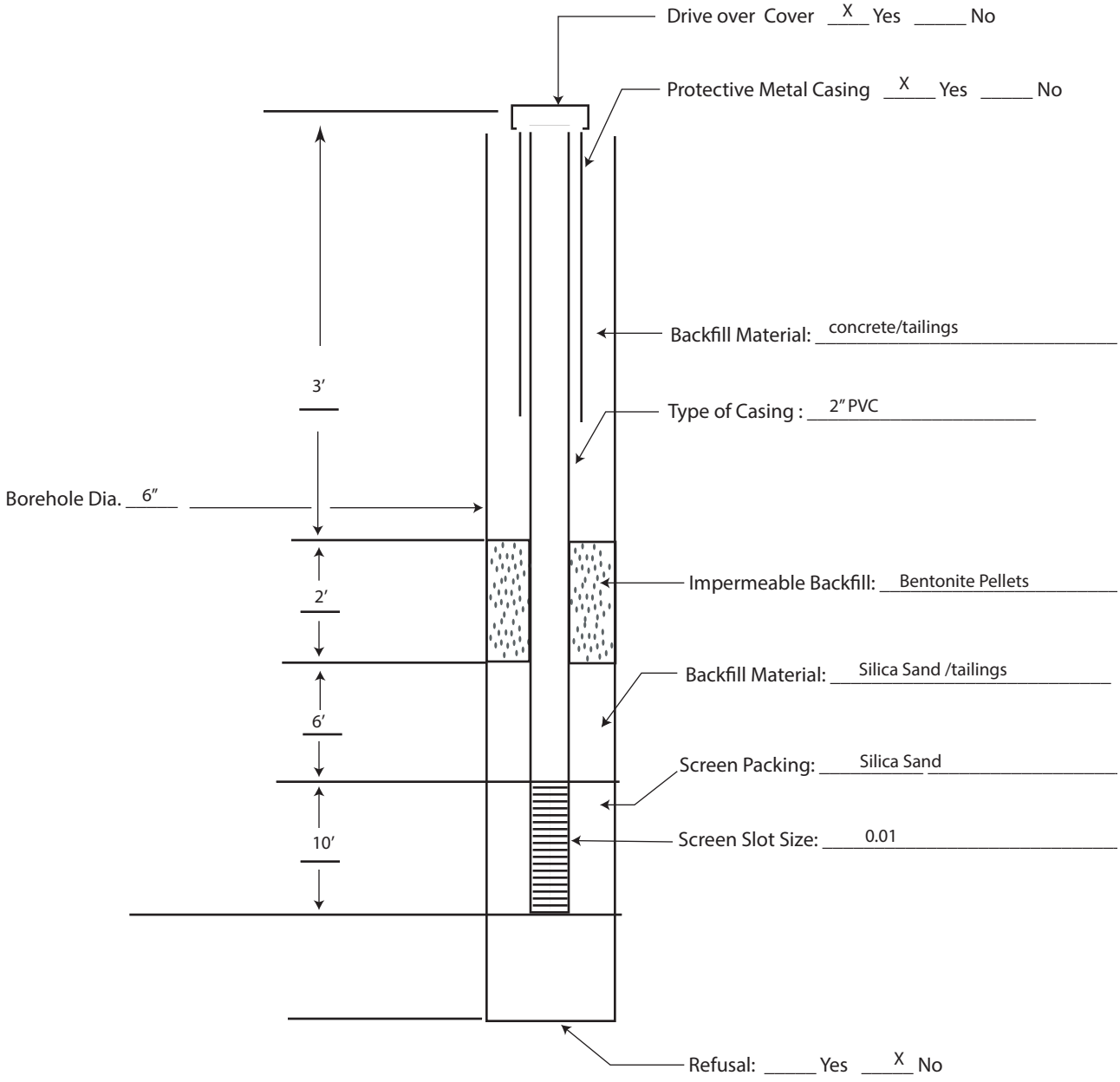
Monitor Well Installation Detail - MW-01

430 Broadway
Village of Monticello
Sullivan County, New York

File: 24003-0015

December 2024

Appendix B



Materials Used:

- Screen (PVC)
- Riser (PVC)
- Plug (PVC)
- Silica Sand
- Bentonite Pellets
- Concrete Mix

Monitor Well Installation Detail - MW-02

430 Broadway
Village of Monticello
Sullivan County, New York

File: 24003-0015

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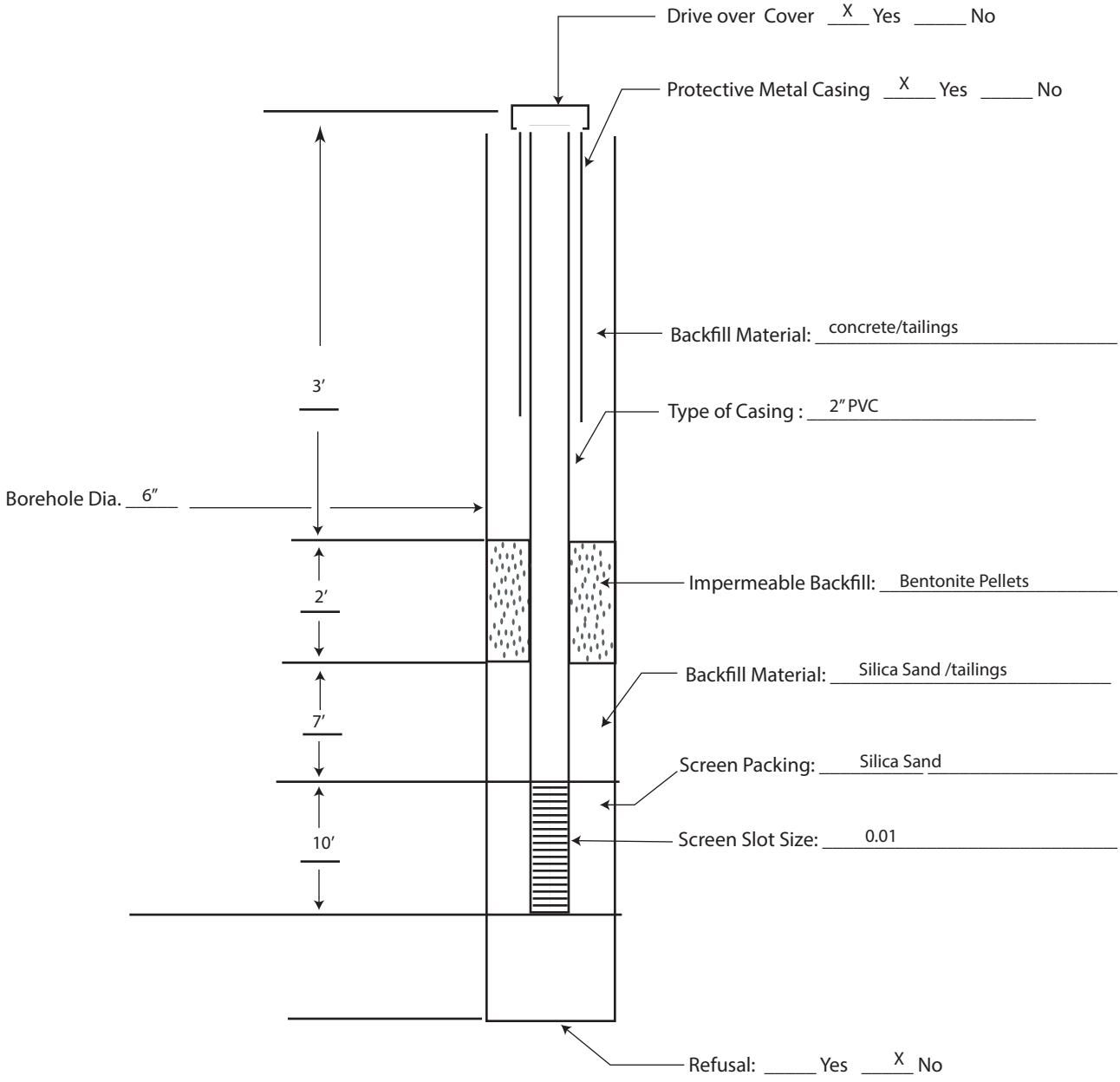
Appendix B



Materials Used:

- Screen (PVC)
- Riser (PVC)
- Plug (PVC)
- Silica Sand
- Bentonite Pellets
- Concrete Mix

Monitor Well Installation Detail - MW-03

430 Broadway
Village of Monticello
Sullivan County, New York

File: 24003-0015

December 2024

Appendix B

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: 24293-0015
GBTS PROJECT #:
Date: 11/6/24
Field Personnel: SP
Weather: 38 / Cloudy

Well ID: MW-01
PID Reading: 8.8
Depth of well: 20.05
Depth to water: 13.52
Pump type: Peri

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
12:35	20.18	6.18	-30	2.00	94.6	0.71	13.6	1.97	clear
12:40	20.40	6.15	-40	2.00	49.2	0.60		1.88	
12:45	20.56	6.17	-44	2.00	40.6	0.58			
12:50	20.84	6.18	-48	1.99	28.4	0.52			
12:55	21.32	6.18	-44	1.97	34.6	0.48			
13:00	21.54	6.17	-45	1.96	32.0	0.62			
13:05	21.71	6.17	-47	1.95	33.7	0.63			
13:10	21.81	6.17	-48	1.95	33.6	0.64			
13:15	21.77	6.16	-49	1.93	31.6	0.63			

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 12:35 / 13:15
Total purge time: 40 min
Total volume: 2,160 mL
Purge rate: 1.86 mL/m 54 mL

CHARACTERISTICS:

Odor: none | slight | moderate | strong
Sheen: none | slight | moderate | strong
L/DNAPL: Yes | No L/DNAPL thickness (in.):

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name: 24003-2015
GBTS PROJECT #:
Date: 11/6/24
Field Personnel: ED
Weather: 38° cloudy

Well ID: MW-02
PID Reading: 49.2
Depth of well: 20.61'
Depth to water: 13'
Pump type: Peri

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
1105	17.53	6.33	105	3.90	20.9	7.7	13.05	19.1	Clear
1110	17.40	6.44	94	3.86	21.0	6.6	13.05	1.89	
1115	17.23	6.42	80	3.84	20.2	6.6			
1120	17.07	6.31	71	3.81	19.0	6.9			
1125	16.97	6.31	61	3.83	16.4	7.0			
1130	16.90	6.32	50	3.83	15.6	6.9		1.85	
1135	16.94	6.30	42	3.96	15.7	6.7			
1140	16.86	6.30	5	3.85	15.1	6.1			
1145	16.86	6.30	0	3.78	14.0	6.1			
1150	16.77	6.30	-10	3.88	14.3	5.9			
1155	16.83	6.30	-12	3.88	14.6	5.9			
1200	16.84	6.30	-13	3.78	14.3	6.0			

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 11:05 / 12:00
Total purge time: 55 min
Total volume: 2860 ml
Purge rate: 1.89 52ml ml/m

CHARACTERISTICS:
Odor: none | slight | moderate | strong
Sheen: none | slight | moderate | strong
L/DNAPL: Yes | No L/DNAPL thickness (in.):

GROUNDWATER MONITORING WELL PURGE DATA SHEET

GALLAGHER BASSETT | TECHNICAL SERVICES

Project Name:
GBTS PROJECT #: 24007.0015
Date: 11/6/24
Field Personnel: SD
Weather: 36° Cloudy

Well ID: MW-03
PID Reading: 0.7
Depth of well: 21.3'
Depth to water: 9.45'
Pump type: Peri

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Comments (e.g. color/clarity)
9:40	17.1	6.47	125	4.69	0.1	1.41	9.4	1.86	clear
9:45	16.86	6.37	123	4.72	0.0	1.88	9.5		
9:50	16.62	6.34	121	4.76	0.0	0.96			
955	16.33	6.38	120	4.80	0.0	0.85			
10.00	16.23	6.37	121	4.83	0.0	0.93			
10:05	16.12	6.41	114	4.85	0.0	0.84			
10.10	16.02	6.38	116	4.84	0.0	0.87	9.4		
10.11	15.98	6.38	117	4.90	0.0	0.74			

*** STABILIZATION CRITERIA***

Temp +/- 3% | pH +/- 0.1 | ORP +/- 10 | Spec Cond +/- 3% | Turb +/- 10% | DO +/- 10%

NOTES:

PURGED WATER DETAILS

Start/End time: 9:40 / 10:15
Total purge time: 35 min
Total volume: 1.750 mL
Purge rate: 1.86 ml/m 50 mL

CHARACTERISTICS:

Odor: none | slight | moderate | strong
Sheen: none | slight | moderate | strong
L/DNAPL: Yes | No L/DNAPL thickness (in.):

APPENDIX C – Data Summary Tables

Table 1: VOCs in Soil Vapor

GBTS Project: 24003-0015

430 Broadway, Monticello, NY

GALLAGHER BASSETT | TECHNICAL SERVICES

Sample ID	SV-01		SV-02	
All data in µg/m³ Sample Date	2024-05-20		2024-05-20	
U= Not Detected ≥ value Dilution Factor	1		1	
VOCs, TO-15	*Result*	*Flag*	*Result*	*Flag*
1,1,1,2-tetrachloroethane	12	*U*	2.8	*U*
1,1,1-trichloroethane (TCA)	9.3	*U*	2.2	*U*
1,1,2,2-tetrachloroethane	12	*U*	2.8	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	13	*U*	3.1	*U*
1,1,2-trichloroethane	9.3	*U*	2.2	*U*
1,1-dichloroethane	6.9	*U*	1.6	*U*
1,1-dichloroethene (1,1-DCE)	6.7	*U*	1.6	*U*
1,2,4-trichlorobenzene	13	*U*	3	*U*
1,2,4-trimethylbenzene	8.4	*U*	2	*D*
1,2-dibromoethane	13	*U*	3.1	*U*
1,2-dichlorobenzene	10	*U*	2.4	*U*
1,2-dichloroethane	6.9	*U*	1.6	*U*
1,2-dichloropropane	7.9	*U*	1.9	*U*
1,2-dichlorotetrafluoroethane	12	*U*	2.8	*U*
1,3,5-trimethylbenzene	8.4	*U*	2	*U*
1,3-butadiene	11	*U*	2.7	*U*
1,3-dichlorobenzene	10	*U*	2.4	*U*
1,3-dichloropropane	7.9	*U*	1.9	*U*
1,4-dichlorobenzene	10	*U*	2.4	*U*
2,2,4-trimethylpentane	3.98	*U*	7.37	*D*
1,4-dioxane	12	*U*	2.9	*U*
2-butanone	29	*D*	25	*D*
2-hexanone	14	*U*	7	*D*
3-chloropropene	27	*U*	6.3	*U*
4-methyl-2-pentanone	7	*U*	8.5	*D*
acetone	280	*D*	270	*D*
acrylonitrile	3.7	*U*	0.88	*U*
benzene	5.4	*U*	4.5	*D*
benzyl chloride	8.8	*U*	2.1	*U*
bromodichloromethane	11	*U*	5.2	*D*
bromoform	18	*U*	4.2	*U*
bromomethane	6.6	*U*	1.6	*U*
carbon disulfide	5.3	*U*	1.3	*U*
carbon tetrachloride	2.7	*U*	0.64	*U*
chlorobenzene	7.8	*U*	1.9	*U*
chloroethane	4.5	*U*	1.1	*U*
chloroform	8.3	*D*	27	*D*
chloromethane	3.5	*U*	0.84	*U*
cis-1,2-dichloroethene (cis-DCE)	90	*D*	9.3	*D*
cis-1,3-dichloropropene	7.7	*U*	1.8	*U*
cyclohexane	5.9	*U*	1.8	*D*
dibromochloromethane	14	*U*	3.4	*U*
dichlorodifluoromethane	8.4	*U*	2	*U*
ethyl acetate	12	*U*	10	*D*
ethylbenzene	7.4	*U*	3.3	*D*
hexachlorobutadiene	18	*U*	4.3	*U*
isopropanol	38	*D*	26	*D*
methyl methacrylate	7	*U*	1.7	*U*
methyl tert butyl ether	6.1	*U*	1.5	*U*
methylene chloride	12	*U*	2.8	*U*
naphthalene	89	*U*	21	*U*
n-heptane	7	*U*	5.3	*D*
n-hexane	6	*U*	6	*D*
o-xylene	7.4	*U*	4	*D*
p/m-xylene	15	*U*	13	*D*
p-ethyltoluene	8.4	*U*	2.8	*D*
propylene	2.9	*U*	6.9	*D*
styrene	7.3	*U*	1.7	*U*
tetrachloroethene (PCE)	9,300	*D*	310	*D*
tetrahydrofuran	10	*U*	2.4	*U*
toluene	24	*D*	21	*D*
trans-1,2-dichloroethene (trans-DCE)	13	*D*	1.6	*U*
trans-1,3-dichloropropene	7.7	*U*	1.8	*U*
trichloroethene (TCE)	1,300	*D*	23	*D*
trichlorofluoromethane	9.6	*U*	2.3	*U*
vinyl acetate	6	*U*	1.4	*U*
vinyl bromide	7.4	*U*	1.8	*U*
vinyl chloride (VC)	4.4	*U*	1	*U*

Detected concentrations

Notes: NA = not available

Result Flags: J = approximate E = estimated B = detected in blank

Table 2: VOCs in Groundwater

GBTS Project: 24003-0015

430 Broadway, Monticello, NY

GALLAGHER BASSETT | TECHNICAL SERVICES

	Sample ID	MW-01 20241106		MW-02 20241106		MW-03 20241106	
Data in µg/L (parts per billion, ppb)	Date	2024-11-06		2024-11-06		2024-11-06	
U= Not Detected ≥ value	Dilution	1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
1,1,1,2-tetrachloroethane	5	0.216	*U*	0.216	*U*	0.216	*U*
1,1,1-trichloroethane	5	0.266	*U*	0.266	*U*	0.266	*U*
1,1,2,2-tetrachloroethane	5	0.256	*U*	0.256	*U*	0.256	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.286	*U*	0.286	*U*	0.286	*U*
1,1,2-trichloroethane	1	0.249	*U*	0.249	*U*	0.249	*U*
1,1-dichloroethane	5	0.272	*U*	0.272	*U*	0.272	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.327	*U*	0.327	*U*	0.327	*U*
1,2,3-trichlorobenzene	5	0.222	*U*	0.222	*U*	0.222	*U*
1,2,3-trichloropropane	0.04	0.273	*U*	0.273	*U*	0.273	*U*
1,2,4-trichlorobenzene	5	0.138	*U*	0.138	*U*	0.138	*U*
1,2,4-trimethylbenzene	5	0.31	*U*	0.31	*U*	0.31	*U*
1,2-dibromo-3-chloropropane	0.04	0.432	*U*	0.432	*U*	0.432	*U*
1,2-dibromoethane	5	0.215	*U*	0.215	*U*	0.215	*U*
1,2-dichlorobenzene	3	0.27	*U*	0.27	*U*	0.27	*U*
1,2-dichloroethane	0.6	0.377	*U*	0.377	*U*	0.377	*U*
1,2-dichloropropane	1	0.327	*U*	0.327	*U*	0.327	*U*
1,3,5-trimethylbenzene	5	0.347	*U*	0.347	*U*	0.347	*U*
1,3-dichlorobenzene	3	0.283	*U*	0.283	*U*	0.283	*U*
1,4-dichlorobenzene	3	0.311	*U*	0.311	*U*	0.311	*U*
1,4-dioxane	NA	35.3	*U*	35.3	*U*	35.3	*U*
2-butanone (MEK)	50	0.421	*U*	0.421	*U*	2.22	
2-hexanone (MBK)	50	0.32	*U*	0.32	*U*	0.32	*U*
4-methyl-2-pentanone	NA	0.365	*U*	0.365	*U*	0.365	*U*
acetone	50	1.34	*U*	1.34	*U*	1.34	*U*
acrolein	5	1.41		0.447	*U*	0.447	*U*
acrylonitrile	5	0.422	*U*	0.422	*U*	0.422	*U*
benzene	1	0.279	*U*	0.279	*U*	0.279	*U*
bromochloromethane	5	0.354	*U*	0.354	*U*	0.354	*U*
bromodichloromethane	50	0.245	*U*	0.245	*U*	0.245	*U*
bromoform	50	0.163	*U*	0.163	*U*	0.163	*U*
bromomethane	5	0.119	*U*	0.119	*U*	0.119	*U*
carbon disulfide	NA	0.362	*U*	0.362	*U*	0.362	*U*
carbon tetrachloride	5	0.204	*U*	0.204	*U*	0.204	*U*
chlorobenzene	5	0.284	*U*	0.284	*U*	0.284	*U*
chloroethane	5	0.448	*U*	0.448	*U*	0.448	*U*
chloroform	7	0.243	*U*	0.243	*U*	0.243	*U*
chloromethane	5	0.372	*U*	0.372	*U*	0.372	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.294	*U*	**180**	*D*	0.43	*J*
cis-1,3-dichloropropylene	0.4	0.262	*U*	0.262	*U*	0.262	*U*
cyclohexane	NA	2.33		0.491	*U*	0.491	*U*
dibromochloromethane	5	0.146	*U*	0.146	*U*	0.146	*U*
dibromomethane	5	0.203	*U*	0.203	*U*	0.203	*U*
dichlorodifluoromethane	5	0.451	*U*	0.451	*U*	0.451	*U*
ethyl benzene	5	0.29	*U*	0.29	*U*	0.29	*U*
hexachlorobutadiene	0.5	0.241	*U*	0.241	*U*	0.241	*U*
isopropylbenzene	5	0.405	*U*	0.405	*U*	0.405	*U*
methyl acetate	NA	0.442	*U*	0.442	*U*	0.442	*U*
methyl tert-butyl ether (MTBE)	10	0.244	*U*	0.244	*U*	0.244	*U*
methylcyclohexane	NA	0.81		0.477	*U*	0.477	*U*
methylene chloride	5	0.397	*U*	0.397	*U*	0.397	*U*
n-butylbenzene	5	0.399	*U*	0.399	*U*	0.399	*U*
n-propylbenzene	5	0.384	*U*	0.384	*U*	0.384	*U*
o-xylene	5	0.261	*U*	0.261	*U*	0.261	*U*
p- & m- xylenes	5	0.578	*U*	0.578	*U*	0.578	*U*
p-isopropyltoluene	5	0.377	*U*	**5.38**		0.377	*U*
sec-butylbenzene	5	0.54		0.444	*U*	0.444	*U*
styrene	5	0.255	*U*	0.255	*U*	0.255	*U*
tert-butyl alcohol (TBA)	NA	0.608	*U*	1.18		0.608	*U*
tert-butylbenzene	5	0.367	*U*	0.367	*U*	0.367	*U*
tetrachloroethylene (PCE)	5	0.239	*U*	**798**	*D*	0.47	*J*
toluene	5	0.346	*U*	0.346	*U*	0.346	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.279	*U*	1.49		0.279	*U*
trans-1,3-dichloropropylene	0.4	0.229	*U*	0.229	*U*	0.229	*U*
trichloroethylene (TCE)	5	0.249	*U*	**250**	*D*	0.42	*J*
trichlorofluoromethane	5	0.337	*U*	0.337	*U*	0.337	*U*
vinyl chloride (VC)	2	0.469	*U*	**7.22**		0.469	*U*
xylenes, total	5	0.839	*U*	0.839	*U*	0.839	*U*
TOTAL chlorinated compounds		**Not Detected**		**1,237**		**1.32**	
TOTAL PCE, TCE and breakdown products		**Not Detected**		**1,237**		**1.32**	
TOTAL petroleum compounds		**3.68**		**5.38**		**Not Detected**	
TOTAL BTEX		**Not Detected**		**Not Detected**		**Not Detected**	
TOTAL VOCs		**5.09**		**1,243**		**3.54**	

Detected concentrations
Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Flags: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Groundwater

430 Broadway, Monticello, NY

GBTS Project: 24003-0015

GALLAGHER BASSETT | TECHNICAL SERVICES

	Sample ID	MW-01 20241107		MW-02 20241107		MW-03 20241107	
Data in µg/L (parts per billion, ppb)	Date	2024-11-07		2024-11-07		2024-11-07	
U= Not Detected ≥ value	Dilution	1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Flag*	*Result*	*Flag*	*Result*	*Flag*
1,1-biphenyl	NA	2.5	U	2.5	U	2.5	U
1,2,4,5-tetrachlorobenzene	NA	2.5	U	2.5	U	2.5	U
1,2,4-trichlorobenzene	5	2.5	U	2.5	U	2.5	U
1,2-dichlorobenzene	3	2.5	U	2.5	U	2.5	U
1,2-diphenylhydrazine (azobenzene)	NA	2.5	U	2.5	U	2.5	U
1,3-dichlorobenzene	3	2.5	U	2.5	U	2.5	U
1,4-dichlorobenzene	3	2.5	U	2.5	U	2.5	U
2,3,4,6-tetrachlorophenol	NA	2.5	U	2.5	U	2.5	U
2,4,5-trichlorophenol	1	2.5	U	2.5	U	2.5	U
2,4,6-trichlorophenol	1	2.5	U	2.5	U	2.5	U
2,4-dichlorophenol	5	2.5	U	2.5	U	2.5	U
2,4-dimethylphenol	50	2.5	U	2.5	U	2.5	U
2,4-dinitrophenol	10	2.5	U	2.5	U	2.5	U
2,4-dinitrotoluene	5	2.5	U	2.5	U	2.5	U
2,6-dinitrotoluene	5	2.5	U	2.5	U	2.5	U
2-chloronaphthalene	10	2.5	U	2.5	U	2.5	U
2-chlorophenol	1	2.5	U	2.5	U	2.5	U
2-methylnaphthalene	NA	2.5	U	2.5	U	2.5	U
2-methylphenol	1	2.5	U	2.5	U	2.5	U
2-nitroaniline	5	2.5	U	2.5	U	2.5	U
2-nitrophenol	1	2.5	U	2.5	U	2.5	U
3- & 4-methylphenols	1	2.5	U	2.5	U	2.5	U
3,3-dichlorobenzidine	5	2.5	U	2.5	U	2.5	U
3-nitroaniline	5	2.5	U	2.5	U	2.5	U
4,6-dinitro-2-methylphenol	NA	2.5	U	2.5	U	2.5	U
4-bromophenyl phenyl ether	NA	2.5	U	2.5	U	2.5	U
4-chloro-3-methylphenol	1	2.5	U	2.5	U	2.5	U
4-chloroaniline	5	2.5	U	2.5	U	2.5	U
4-chlorophenyl phenyl ether	NA	2.5	U	2.5	U	2.5	U
4-nitroaniline	5	2.5	U	2.5	U	2.5	U
4-nitrophenol	1	5	U	5	U	5	U
acenaphthene	20	0.05	U	0.05	U	0.05	U
acenaphthylene	NA	0.05	U	0.05	U	0.05	U
acetophenone	NA	2.5	U	2.5	U	2.5	U
aniline	5	2.5	U	2.5	U	2.5	U
anthracene	50	0.05	U	0.05	U	0.05	U
atrazine	NA	0.5	U	0.5	U	0.5	U
benzaldehyde	NA	2.5	U	2.5	U	2.5	U
benzidine	NA	5	U	5	U	5	U
benzo(a)anthracene	0.002	0.05	U	0.05	U	0.05	U
benzo(a)pyrene	0.002	0.05	U	0.05	U	0.05	U
benzo(b)fluoranthene	0.002	0.05	U	0.05	U	0.05	U
benzo(g,h,i)perylene	~	0.05	U	0.05	U	0.05	U
benzo(k)fluoranthene	0.002	0.05	U	0.05	U	0.05	U
benzoic acid	NA	2.5	U	2.5	U	2.5	U
benzyl alcohol	NA	2.5	U	2.5	U	2.5	U
benzyl butyl phthalate	50	2.5	U	2.5	U	2.5	U
bis(2-chloroethoxy)methane	5	2.5	U	2.5	U	2.5	U
bis(2-chloroethyl)ether	1	1	U	1	U	1	U
bis(2-chloroisopropyl)ether	5	2.5	U	2.5	U	2.5	U
bis(2-ethylhexyl)phthalate	5	0.5	U	0.73		0.5	U
caprolactam	NA	2.5	U	2.5	U	2.5	U
carbazole	NA	2.5	U	2.5	U	2.5	U
chrysene	0.002	0.05	U	0.05	U	0.05	U
dibenzo(a,h)anthracene	NA	0.05	U	0.05	U	0.05	U
dibenzofuran	NA	2.5	U	2.5	U	2.5	U
diethyl phthalate	50	2.5	U	2.5	U	2.5	U
dimethyl phthalate	50	2.5	U	2.5	U	2.5	U
di-n-butyl phthalate	50	2.5	U	2.5	U	2.5	U
di-n-octyl phthalate	50	2.5	U	2.5	U	2.5	U
fluoranthene	50	0.05	U	0.05	U	0.05	U
fluorene	50	0.05	U	0.05	U	0.05	U
hexachlorobenzene	0.04	0.02	U	0.02	U	0.02	U
hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U
hexachlorocyclopentadiene	5	5	U	5	U	5	U
hexachloroethane	5	0.5	U	0.5	U	0.5	U
indeno(1,2,3-cd)pyrene	0.002	0.05	U	0.05	U	0.05	U
isophorone	50	2.5	U	2.5	U	2.5	U
naphthalene	10	0.21		0.05	U	0.05	U
nitrobenzene	0.4	0.25	U	0.25	U	0.25	U
n-nitrosodimethylamine	NA	0.5	U	0.5	U	0.5	U
n-nitroso-di-n-propylamine	NA	2.5	U	2.5	U	2.5	U
n-nitrosodiphenylamine	50	2.5	U	2.5	U	2.5	U
pentachlorophenol	1	0.25	U	0.25	U	0.25	U
phenanthrene	50	0.05	U	0.05	U	0.05	U
phenol	1	0.75	U	0.75	U	0.75	U
pyrene	50	0.05	U	0.05	U	0.05	U

Detected concentrations

Concentrations above AWQS

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Flags: J = approximate E = estimated B = detected in blank D = diluted

APPENDIX D – Laboratory Reports

Technical Report

prepared for:

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Szabolcs David

Report Date: 12/17/2024
Client Project ID: 24003-0015
York Project (SDG) No.: 24E1392

Revision No. 1.0

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

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Report Date: 12/17/2024
Client Project ID: 24003-0015
York Project (SDG) No.: 24E1392

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Szabolcs David

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 May 21, 2024 and listed below. The project was identified as your project: **24003-0015**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24E1392-01	SV-01	Soil Vapor	05/20/2024	05/21/2024
24E1392-02	SV-02	Soil Vapor	05/20/2024	05/21/2024

General Notes for York Project (SDG) No.: 24E1392

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 12/17/2024

Sample Information

Client Sample ID: SV-01 **York Sample ID:** 24E1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E1392	24003-0015	Soil Vapor	May 20, 2024 3:00 pm	05/21/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* 2,2,4-Trimethylpentane	ND		ppbv	0.851	17.02	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 15:59	YR

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	12	17.02	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 15:59	YR
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.3	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.3	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.9	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.7	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, TO-CCV, TO-LCS-L, ICVE	ug/m³	13	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.4	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.9	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.9	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	12	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR

Sample Information

Client Sample ID: SV-01 **York Sample ID:** 24E1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E1392	24003-0015	Soil Vapor	May 20, 2024 3:00 pm	05/21/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.4	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
106-99-0	1,3-Butadiene	ND		ug/m³	11	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
541-73-1	1,3-Dichlorobenzene	ND	TO-CCV	ug/m³	10	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.9	17.02	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 15:59	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
123-91-1	1,4-Dioxane	ND	TO-CCV	ug/m³	12	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
78-93-3	**2-Butanone**	**29**		ug/m³	5.0	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
591-78-6	* 2-Hexanone	ND		ug/m³	14	17.02	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 15:59	YR
107-05-1	3-Chloropropene	ND		ug/m³	27	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.0	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
67-64-1	**Acetone**	**280**		ug/m³	8.1	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
107-13-1	Acrylonitrile	ND		ug/m³	3.7	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
71-43-2	Benzene	ND		ug/m³	5.4	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
100-44-7	Benzyl chloride	ND	TO-CCV, TO-LCS-L	ug/m³	8.8	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
75-27-4	Bromodichloromethane	ND		ug/m³	11	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
75-25-2	Bromoform	ND		ug/m³	18	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
74-83-9	Bromomethane	ND		ug/m³	6.6	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
75-15-0	Carbon disulfide	ND		ug/m³	5.3	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR

Sample Information

Client Sample ID: SV-01 **York Sample ID:** 24E1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E1392	24003-0015	Soil Vapor	May 20, 2024 3:00 pm	05/21/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND	TO-LC S-L	ug/m³	2.7	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
108-90-7	Chlorobenzene	ND		ug/m³	7.8	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
75-00-3	Chloroethane	ND		ug/m³	4.5	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
67-66-3	**Chloroform**	**8.3**		ug/m³	8.3	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
74-87-3	Chloromethane	ND	TO-CC V, TO-LC S-L	ug/m³	3.5	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
156-59-2	**cis-1,2-Dichloroethylene**	**90**		ug/m³	6.7	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.7	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
110-82-7	Cyclohexane	ND		ug/m³	5.9	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
124-48-1	Dibromochloromethane	ND		ug/m³	14	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.4	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
141-78-6	* Ethyl acetate	ND		ug/m³	12	17.02	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 15:59	YR
100-41-4	Ethyl Benzene	ND		ug/m³	7.4	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	18	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
67-63-0	**Isopropanol**	**38**		ug/m³	8.4	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	7.0	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.1	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR
75-09-2	Methylene chloride	ND		ug/m³	12	17.02	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 15:59	YR

Sample Information

Client Sample ID: SV-01 **York Sample ID:** 24E1392-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E1392	24003-0015	Soil Vapor	May 20, 2024 3:00 pm	05/21/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	* Naphthalene	ND	CAL-E, TO-CCV, TO-LCS-L, ICVE	ug/m³	89	17.02	EPA TO-15 Certifications: NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
142-82-5	n-Heptane	ND		ug/m³	7.0	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
110-54-3	n-Hexane	ND		ug/m³	6.0	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
95-47-6	o-Xylene	ND		ug/m³	7.4	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
179601-23-1	p- & m- Xylenes	ND		ug/m³	15	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
622-96-8	* p-Ethyltoluene	ND		ug/m³	8.4	17.02	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 15:59	YR
115-07-1	* Propylene	ND		ug/m³	2.9	17.02	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 15:59	YR
100-42-5	Styrene	ND		ug/m³	7.3	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
127-18-4	**Tetrachloroethylene**	**9300**		ug/m³	5.8	34.04	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/30/2024 09:00	05/30/2024 14:59	YR
109-99-9	* Tetrahydrofuran	ND		ug/m³	10	17.02	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 15:59	YR
108-88-3	**Toluene**	**24**		ug/m³	6.4	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
156-60-5	**trans-1,2-Dichloroethylene**	**13**		ug/m³	6.7	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.7	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
79-01-6	**Trichloroethylene**	**1300**		ug/m³	2.3	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.6	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
108-05-4	Vinyl acetate	ND		ug/m³	6.0	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
593-60-2	Vinyl bromide	ND		ug/m³	7.4	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR
75-01-4	Vinyl Chloride	ND		ug/m³	4.4	17.02	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 15:59	YR

Sample Information

Client Sample ID: SV-02 **York Sample ID:** 24E1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E1392	24003-0015	Soil Vapor	May 20, 2024 3:00 pm	05/21/2024

VOA, TO15 Isooctane (2,2,4-TMP) Add On

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
540-84-1	* **2,2,4-Trimethylpentane**	**1.58**		ppbv	0.202	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:			

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.8	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	2.2	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.8	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	3.1	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.2	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.6	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	3.0	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	**1,2,4-Trimethylbenzene**	**2.0**		ug/m³	2.0	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	3.1	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.4	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.6	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.9	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	TO-CCV	ug/m³	2.8	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	2.0	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV-02 **York Sample ID:** 24E1392-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E1392	24003-0015	Soil Vapor	May 20, 2024 3:00 pm	05/21/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	1,3-Butadiene	ND		ug/m³	2.7	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
541-73-1	1,3-Dichlorobenzene	ND	TO-CCV	ug/m³	2.4	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.9	4.046	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 17:32	YR
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.4	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
123-91-1	1,4-Dioxane	ND	TO-CCV	ug/m³	2.9	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
78-93-3	**2-Butanone**	**25**		ug/m³	1.2	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
591-78-6	*** 2-Hexanone**	**7.0**		ug/m³	3.3	4.046	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 17:32	YR
107-05-1	3-Chloropropene	ND		ug/m³	6.3	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
108-10-1	**4-Methyl-2-pentanone**	**8.5**		ug/m³	1.7	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
67-64-1	**Acetone**	**270**		ug/m³	1.9	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
107-13-1	Acrylonitrile	ND		ug/m³	0.88	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
71-43-2	**Benzene**	**4.5**		ug/m³	1.3	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
100-44-7	Benzyl chloride	ND	TO-CCV, TO-LCS-L	ug/m³	2.1	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
75-27-4	**Bromodichloromethane**	**5.2**		ug/m³	2.7	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
75-25-2	Bromoform	ND		ug/m³	4.2	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
74-83-9	Bromomethane	ND		ug/m³	1.6	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
75-15-0	Carbon disulfide	ND		ug/m³	1.3	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
56-23-5	Carbon tetrachloride	ND	TO-LCS-L	ug/m³	0.64	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR
108-90-7	Chlorobenzene	ND		ug/m³	1.9	4.046	EPA TO-15 Certifications:	05/29/2024 07:30 NELAC-NY12058,NJDEP-NY037	05/29/2024 17:32	YR

Sample Information

Client Sample ID: **SV-02** **York Sample ID:** **24E1392-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E1392	24003-0015	Soil Vapor	May 20, 2024 3:00 pm	05/21/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/m³	1.1	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
67-66-3	**Chloroform**	**27**		ug/m³	2.0	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
74-87-3	Chloromethane	ND	TO-CCV, TO-LCS-L	ug/m³	0.84	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
156-59-2	**cis-1,2-Dichloroethylene**	**9.3**		ug/m³	1.6	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.8	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
110-82-7	**Cyclohexane**	**1.8**		ug/m³	1.4	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
124-48-1	Dibromochloromethane	ND		ug/m³	3.4	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.0	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
141-78-6	*** Ethyl acetate**	**10**		ug/m³	2.9	4.046	EPA TO-15 Certifications:	05/29/2024 07:30	05/29/2024 17:32	YR
100-41-4	**Ethyl Benzene**	**3.3**		ug/m³	1.8	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
87-68-3	Hexachlorobutadiene	ND		ug/m³	4.3	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
67-63-0	**Isopropanol**	**26**		ug/m³	2.0	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
80-62-6	Methyl Methacrylate	ND		ug/m³	1.7	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.5	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
75-09-2	Methylene chloride	ND		ug/m³	2.8	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
91-20-3	* Naphthalene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	21	4.046	EPA TO-15 Certifications: NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
142-82-5	**n-Heptane**	**5.3**		ug/m³	1.7	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR
110-54-3	**n-Hexane**	**6.0**		ug/m³	1.4	4.046	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-NY037	05/29/2024 07:30	05/29/2024 17:32	YR

Sample Information

Client Sample ID: **SV-02** **York Sample ID:** **24E1392-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24E1392	24003-0015	Soil Vapor	May 20, 2024 3:00 pm	05/21/2024

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	**o-Xylene**	**4.0**		ug/m³	1.8	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
179601-23-1	**p- & m- Xylenes**	**13**		ug/m³	3.5	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
622-96-8	*** p-Ethyltoluene**	**2.8**		ug/m³	2.0	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:			
115-07-1	*** Propylene**	**6.9**		ug/m³	0.70	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.7	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
127-18-4	**Tetrachloroethylene**	**310**		ug/m³	0.69	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.4	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications:			
108-88-3	**Toluene**	**21**		ug/m³	1.5	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.6	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.8	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
79-01-6	**Trichloroethylene**	**23**		ug/m³	0.54	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	2.3	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
108-05-4	Vinyl acetate	ND		ug/m³	1.4	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
593-60-2	Vinyl bromide	ND		ug/m³	1.8	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			
75-01-4	Vinyl Chloride	ND		ug/m³	1.0	4.046	EPA TO-15	05/29/2024 07:30	05/29/2024 17:32	YR
							Certifications: NELAC-NY12058,NJDEP-NY037			

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

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 current NELAC/TNI 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.

Revision Description: This report has been revised to update report format and only report samples -01 and -02.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: 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.

YORK Project No. 24E1392

YOUR Information	Report To:	Invoice To:
Company: Gallagher Bassett	Company:	Company:
Address: 22 Fishkill Rd Poughkeepsie NY 12601	Address:	Address:
Phone.: 845 367 4224	Phone.:	Phone.:
Contact: Szabolcs David	Contact:	Contact: Brenda Wells
E-mail: Szabolcs_david@gbtpa.com	E-mail:	E-mail: Brenda_wells@gbtpa.com

YOUR Project Number: 24053-0015

YOUR Project Name: 24053-0015

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

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.

Szabolcs David

Samples Collected by: (print your name above and sign below)

Air Matrix Codes

AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From

New York	X
New Jersey	
Connecticut	
Pennsylvania	
Other	

Report / EDD Type (circle selections)

Summary Report	CT RCP	Standard Excel EDD
QA Report	CT RCP DQA/DUE	EQuIS (Standard)
NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV-01	5/21/24	AS	-28	-5	49564	19423	TO-15
SV-02	"	"	-30	-9	37013	20242	"
SV-03	"	"	-28	-5	23973	17900	"
SV-04	"	"	-28	-9	49984	19409	"
SV-05	"	"	-28	-5	19526	17894	"

Comments: PID: SV-01 – 4.4, SV-02 – 0.5, SV-03 – 10, SV-04 – 0.3, SV-05 – 0.7

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media

6 Liter Canister	X
Tedlar Bag	

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
GBTS	5-21-24 11:45	Chris C	5-21-24 11:45		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Martin O	5/22/24 943

Technical Report

prepared for:

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Szabolcs David

Report Date: 11/12/2024
Client Project ID: 24003-0015
York Project (SDG) No.: 24K0419

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE | STRATFORD, CT 06615 | 132-02 89th AVENUE | RICHMOND HILL, NY 11418
www.YORKLAB.com | (203) 325-1371 | FAX (203) 357-0166 | ClientServices@yorklab.com

Report Date: 11/12/2024
Client Project ID: 24003-0015
York Project (SDG) No.: 24K0419

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Szabolcs David

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 07, 2024 and listed below. The project was identified as your project: **24003-0015**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24K0419-01	MW-01 20241106	Ground Water	11/06/2024	11/07/2024
24K0419-02	MW-02 20241106	Ground Water	11/06/2024	11/07/2024
24K0419-03	MW-03 20241106	Ground Water	11/06/2024	11/07/2024

General Notes for York Project (SDG) No.: 24K0419

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 11/12/2024

Sample Information

Client Sample ID: MW-01 20241106 **York Sample ID:** 24K0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/08/2024 14:24	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/08/2024 14:24	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/08/2024 14:24	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	11/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/08/2024 14:24	FO
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:24	FO

Sample Information

Client Sample ID: MW-01 20241106 **York Sample ID:** 24K0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	**Acrolein**	**1.41**	CCVE, ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	QL-02	ug/L	0.362	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	**Cyclohexane**	**2.33**		ug/L	0.491	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:24	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04

Sample Information

Client Sample ID: MW-01 20241106 **York Sample ID:** 24K0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	**Methylcyclohexane**	**0.810**		ug/L	0.477	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.540**		ug/L	0.444	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND	QL-02	ug/L	0.249	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:24	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW-01 20241106 **York Sample ID:** 24K0419-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*			*70-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*			*70-130*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*			*70-130*						

Sample Information

Client Sample ID: MW-02 20241106 **York Sample ID:** 24K0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/08/2024 14:53	FO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/08/2024 14:53	FO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	11/08/2024 14:53	FO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	11/08/2024 14:53	FO

Sample Information

Client Sample ID: MW-02 20241106 **York Sample ID:** 24K0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	QL-02	ug/L	0.362	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-02 20241106 **York Sample ID:** 24K0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**180**		ug/L	7.35	12.5	25	EPA 8260D	11/11/2024 08:00	11/11/2024 18:16	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	**p-Isopropyltoluene**	**5.38**		ug/L	0.377	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	**tert-Butyl alcohol (TBA)**	**1.18**		ug/L	0.608	1.00	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 14:53	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**798**	ICVE, QL-02	ug/L	5.98	12.5	25	EPA 8260D	11/11/2024 08:00	11/11/2024 18:16	PD
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C		

Sample Information

Client Sample ID: MW-02 20241106 **York Sample ID:** 24K0419-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
156-60-5	**trans-1,2-Dichloroethylene**	**1.49**		ug/L	0.279	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-01-6	**Trichloroethylene**	**250**		ug/L	6.22	12.5	25	EPA 8260D Certifications:	11/11/2024 08:00	11/11/2024 18:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-01-4	**Vinyl Chloride**	**7.22**	CCVE	ug/L	0.469	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 14:53 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*70-130*

Sample Information

Client Sample ID: MW-03 20241106 **York Sample ID:** 24K0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	FO

Sample Information

Client Sample ID: MW-03 20241106 **York Sample ID:** 24K0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND	QL-02	ug/L	0.311	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**2.22**		ug/L	0.421	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	ICVE	ug/L	0.447	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260D	11/08/2024 08:00	11/08/2024 15:21	FO
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW-03 20241106 **York Sample ID:** 24K0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-15-0	Carbon disulfide	ND	QL-02	ug/L	0.362	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-59-2	**cis-1,2-Dichloroethylene**	**0.430**	J	ug/L	0.294	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
110-82-7	Cyclohexane	ND		ug/L	0.491	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

Sample Information

Client Sample ID: MW-03 20241106 **York Sample ID:** 24K0419-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0419	24003-0015	Ground Water	November 6, 2024 3:00 pm	11/07/2024

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.608	1.00	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
127-18-4	**Tetrachloroethylene**	**0.470**	J, CCVE, ICVE, QL-02	ug/L	0.239	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
79-01-6	**Trichloroethylene**	**0.420**	J, QL-02	ug/L	0.249	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT
1330-20-7	Xylenes, Total	ND		ug/L	0.839	1.50	1	EPA 8260D Certifications:	11/08/2024 08:00	11/08/2024 15:21	FO CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*70-130*

Analytical Batch Summary

Batch ID: BK40535 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24K0419-01	MW-01 20241106	11/08/24
24K0419-02	MW-02 20241106	11/08/24
24K0419-03	MW-03 20241106	11/08/24
BK40535-BLK1	Blank	11/08/24
BK40535-BS1	LCS	11/08/24
BK40535-BSD1	LCS Dup	11/08/24

Batch ID: BK40664 **Preparation Method:** EPA 5030B **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
24K0419-02RE1	MW-02 20241106	11/11/24
BK40664-BLK1	Blank	11/11/24
BK40664-BS1	LCS	11/11/24
BK40664-BSD1	LCS Dup	11/11/24

Volatile Organic Compounds by GC/MS - 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
Batch BK40535 - EPA 5030B											
Blank (BK40535-BLK1)											Prepared & Analyzed: 11/08/2024
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - 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
Batch BK40535 - EPA 5030B											
Blank (BK40535-BLK1)								Prepared & Analyzed: 11/08/2024			
Methylene chloride	ND	2.00	ug/L								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*				
LCS (BK40535-BS1)								Prepared & Analyzed: 11/08/2024			
1,1,1,2-Tetrachloroethane	8.97		ug/L	10.0		89.7	82-126			30	
1,1,1-Trichloroethane	8.49		"	10.0		84.9	70-130			20	
1,1,2,2-Tetrachloroethane	11.4		"	10.0		114	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.10		"	10.0		81.0	70-130			20	
1,1,2-Trichloroethane	9.14		"	10.0		91.4	70-130			20	
1,1-Dichloroethane	8.54		"	10.0		85.4	70-130			20	
1,1-Dichloroethylene	7.65		"	10.0		76.5	70-130			20	
1,2,3-Trichlorobenzene	8.29		"	10.0		82.9	70-130			20	
1,2,3-Trichloropropane	8.86		"	10.0		88.6	77-128			30	
1,2,4-Trichlorobenzene	8.64		"	10.0		86.4	70-130			20	
1,2,4-Trimethylbenzene	9.34		"	10.0		93.4	82-132			20	
1,2-Dibromo-3-chloropropane	8.99		"	10.0		89.9	40-160			20	
1,2-Dibromoethane	8.90		"	10.0		89.0	70-130			20	
1,2-Dichlorobenzene	8.57		"	10.0		85.7	70-130			20	
1,2-Dichloroethane	9.09		"	10.0		90.9	70-130			20	
1,2-Dichloropropane	9.15		"	10.0		91.5	70-130			20	
1,3,5-Trimethylbenzene	9.52		"	10.0		95.2	80-131			30	
1,3-Dichlorobenzene	8.64		"	10.0		86.4	70-130			20	
1,4-Dichlorobenzene	8.49		"	10.0		84.9	70-130			20	
1,4-Dioxane	327		"	210		156	40-160			20	
2-Butanone	8.54		"	10.0		85.4	40-160			20	
2-Hexanone	8.75		"	10.0		87.5	40-160			20	
4-Methyl-2-pentanone	9.36		"	10.0		93.6	40-160			20	
Acetone	18.8		"	10.0		188	40-160	High Bias		20	
Acrolein	11.1		"	10.0		111	10-153			30	
Acrylonitrile	9.37		"	10.0		93.7	51-150			30	
Benzene	8.69		"	10.0		86.9	70-130			20	

Volatile Organic Compounds by GC/MS - 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
Batch BK40535 - EPA 5030B											
LCS (BK40535-BS1)								Prepared & Analyzed: 11/08/2024			
Bromochloromethane	9.27		ug/L	10.0		92.7	70-130			20	
Bromodichloromethane	9.19		"	10.0		91.9	70-130			20	
Bromoform	9.02		"	10.0		90.2	70-130			20	
Bromomethane	13.4		"	10.0		134	40-160			20	
Carbon disulfide	6.67		"	10.0		66.7	40-160			20	
Carbon tetrachloride	8.86		"	10.0		88.6	70-130			20	
Chlorobenzene	8.93		"	10.0		89.3	70-130			20	
Chloroethane	12.4		"	10.0		124	40-160			20	
Chloroform	8.77		"	10.0		87.7	70-130			20	
Chloromethane	10.1		"	10.0		101	40-160			20	
cis-1,2-Dichloroethylene	9.11		"	10.0		91.1	70-130			20	
cis-1,3-Dichloropropylene	9.23		"	10.0		92.3	70-130			20	
Cyclohexane	7.33		"	10.0		73.3	70-130			20	
Dibromochloromethane	9.19		"	10.0		91.9	70-130			20	
Dibromomethane	8.82		"	10.0		88.2	72-134			30	
Dichlorodifluoromethane	5.35		"	10.0		53.5	40-160			20	
Ethyl Benzene	8.72		"	10.0		87.2	70-130			20	
Hexachlorobutadiene	9.41		"	10.0		94.1	67-146			30	
Isopropylbenzene	8.86		"	10.0		88.6	70-130			20	
Methyl acetate	7.95		"	10.0		79.5	70-130			20	
Methyl tert-butyl ether (MTBE)	8.06		"	10.0		80.6	70-130			20	
Methylcyclohexane	8.52		"	10.0		85.2	70-130			20	
Methylene chloride	8.79		"	10.0		87.9	70-130			20	
n-Butylbenzene	10.0		"	10.0		100	79-132			30	
n-Propylbenzene	9.03		"	10.0		90.3	78-133			30	
o-Xylene	9.07		"	10.0		90.7	70-130			20	
p- & m- Xylenes	18.2		"	20.0		91.2	70-130			20	
p-Isopropyltoluene	9.75		"	10.0		97.5	81-136			30	
sec-Butylbenzene	9.72		"	10.0		97.2	79-137			30	
Styrene	9.01		"	10.0		90.1	70-130			20	
tert-Butyl alcohol (TBA)	47.8		"	50.0		95.7	25-162			30	
tert-Butylbenzene	9.05		"	10.0		90.5	77-138			30	
Tetrachloroethylene	4.31		"	10.0		43.1	70-130	Low Bias		20	
Toluene	8.67		"	10.0		86.7	70-130			20	
trans-1,2-Dichloroethylene	8.31		"	10.0		83.1	70-130			20	
trans-1,3-Dichloropropylene	9.30		"	10.0		93.0	70-130			20	
Trichloroethylene	7.49		"	10.0		74.9	70-130			20	
Trichlorofluoromethane	11.8		"	10.0		118	40-160			20	
Vinyl Chloride	10.6		"	10.0		106	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.92*		*"*	*10.0*		*99.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.83*		*"*	*10.0*		*98.3*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				

Volatile Organic Compounds by GC/MS - 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
Batch BK40535 - EPA 5030B											
LCS Dup (BK40535-BSD1)								Prepared & Analyzed: 11/08/2024			
1,1,1,2-Tetrachloroethane	9.29		ug/L	10.0		92.9	82-126		3.50	30	
1,1,1-Trichloroethane	9.19		"	10.0		91.9	70-130		7.92	20	
1,1,2,2-Tetrachloroethane	11.7		"	10.0		117	70-130		2.25	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.05		"	10.0		90.5	70-130		11.1	20	
1,1,2-Trichloroethane	9.14		"	10.0		91.4	70-130		0.00	20	
1,1-Dichloroethane	8.97		"	10.0		89.7	70-130		4.91	20	
1,1-Dichloroethylene	8.35		"	10.0		83.5	70-130		8.75	20	
1,2,3-Trichlorobenzene	8.78		"	10.0		87.8	70-130		5.74	20	
1,2,3-Trichloropropane	9.10		"	10.0		91.0	77-128		2.67	30	
1,2,4-Trichlorobenzene	9.21		"	10.0		92.1	70-130		6.39	20	
1,2,4-Trimethylbenzene	9.90		"	10.0		99.0	82-132		5.82	20	
1,2-Dibromo-3-chloropropane	9.16		"	10.0		91.6	40-160		1.87	20	
1,2-Dibromoethane	9.02		"	10.0		90.2	70-130		1.34	20	
1,2-Dichlorobenzene	8.98		"	10.0		89.8	70-130		4.67	20	
1,2-Dichloroethane	9.28		"	10.0		92.8	70-130		2.07	20	
1,2-Dichloropropane	9.51		"	10.0		95.1	70-130		3.86	20	
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131		7.29	30	
1,3-Dichlorobenzene	9.11		"	10.0		91.1	70-130		5.30	20	
1,4-Dichlorobenzene	8.91		"	10.0		89.1	70-130		4.83	20	
1,4-Dioxane	327		"	210		156	40-160		0.202	20	
2-Butanone	8.68		"	10.0		86.8	40-160		1.63	20	
2-Hexanone	8.74		"	10.0		87.4	40-160		0.114	20	
4-Methyl-2-pentanone	9.42		"	10.0		94.2	40-160		0.639	20	
Acetone	18.8		"	10.0		188	40-160	High Bias	0.319	20	
Acrolein	11.2		"	10.0		112	10-153		1.08	30	
Acrylonitrile	9.65		"	10.0		96.5	51-150		2.94	30	
Benzene	9.19		"	10.0		91.9	70-130		5.59	20	
Bromochloromethane	9.44		"	10.0		94.4	70-130		1.82	20	
Bromodichloromethane	9.46		"	10.0		94.6	70-130		2.90	20	
Bromoform	9.20		"	10.0		92.0	70-130		1.98	20	
Bromomethane	14.8		"	10.0		148	40-160		10.3	20	
Carbon disulfide	7.16		"	10.0		71.6	40-160		7.09	20	
Carbon tetrachloride	9.68		"	10.0		96.8	70-130		8.85	20	
Chlorobenzene	9.30		"	10.0		93.0	70-130		4.06	20	
Chloroethane	13.2		"	10.0		132	40-160		6.39	20	
Chloroform	9.20		"	10.0		92.0	70-130		4.79	20	
Chloromethane	10.7		"	10.0		107	40-160		6.26	20	
cis-1,2-Dichloroethylene	9.51		"	10.0		95.1	70-130		4.30	20	
cis-1,3-Dichloropropylene	9.45		"	10.0		94.5	70-130		2.36	20	
Cyclohexane	8.27		"	10.0		82.7	70-130		12.1	20	
Dibromochloromethane	9.39		"	10.0		93.9	70-130		2.15	20	
Dibromomethane	9.04		"	10.0		90.4	72-134		2.46	30	
Dichlorodifluoromethane	5.91		"	10.0		59.1	40-160		9.95	20	
Ethyl Benzene	9.25		"	10.0		92.5	70-130		5.90	20	
Hexachlorobutadiene	10.3		"	10.0		103	67-146		8.74	30	
Isopropylbenzene	9.59		"	10.0		95.9	70-130		7.91	20	
Methyl acetate	7.96		"	10.0		79.6	70-130		0.126	20	
Methyl tert-butyl ether (MTBE)	8.23		"	10.0		82.3	70-130		2.09	20	
Methylcyclohexane	9.62		"	10.0		96.2	70-130		12.1	20	
Methylene chloride	9.04		"	10.0		90.4	70-130		2.80	20	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40535 - EPA 5030B											
LCS Dup (BK40535-BSD1)								Prepared & Analyzed: 11/08/2024			
n-Butylbenzene	11.0		ug/L	10.0		110	79-132		9.71	30	
n-Propylbenzene	9.84		"	10.0		98.4	78-133		8.59	30	
o-Xylene	9.49		"	10.0		94.9	70-130		4.53	20	
p- & m- Xylenes	19.5		"	20.0		97.4	70-130		6.57	20	
p-Isopropyltoluene	10.7		"	10.0		107	81-136		8.92	30	
sec-Butylbenzene	10.7		"	10.0		107	79-137		9.78	30	
Styrene	9.39		"	10.0		93.9	70-130		4.13	20	
tert-Butyl alcohol (TBA)	47.8		"	50.0		95.5	25-162		0.146	30	
tert-Butylbenzene	9.87		"	10.0		98.7	77-138		8.67	30	
Tetrachloroethylene	4.70		"	10.0		47.0	70-130	Low Bias	8.66	20	
Toluene	9.11		"	10.0		91.1	70-130		4.95	20	
trans-1,2-Dichloroethylene	8.83		"	10.0		88.3	70-130		6.07	20	
trans-1,3-Dichloropropylene	9.59		"	10.0		95.9	70-130		3.07	20	
Trichloroethylene	7.98		"	10.0		79.8	70-130		6.33	20	
Trichlorofluoromethane	13.2		"	10.0		132	40-160		11.4	20	
Vinyl Chloride	11.6		"	10.0		116	70-130		9.25	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*70-130*				
Batch BK40664 - EPA 5030B											
Blank (BK40664-BLK1)								Prepared & Analyzed: 11/11/2024			
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - 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
Batch BK40664 - EPA 5030B											
Blank (BK40664-BLK1)											
Prepared & Analyzed: 11/11/2024											
Bromodichloromethane	ND	0.500	ug/L								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*70-130*				

Volatile Organic Compounds by GC/MS - 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
Batch BK40664 - EPA 5030B											
LCS (BK40664-BS1)							Prepared & Analyzed: 11/11/2024				
1,1,1,2-Tetrachloroethane	8.76		ug/L	10.0		87.6	82-126			30	
1,1,1-Trichloroethane	9.61		"	10.0		96.1	70-130			20	
1,1,2,2-Tetrachloroethane	8.72		"	10.0		87.2	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.37		"	10.0		93.7	70-130			20	
1,1,2-Trichloroethane	8.49		"	10.0		84.9	70-130			20	
1,1-Dichloroethane	8.90		"	10.0		89.0	70-130			20	
1,1-Dichloroethylene	8.71		"	10.0		87.1	70-130			20	
1,2,3-Trichlorobenzene	8.05		"	10.0		80.5	70-130			20	
1,2,3-Trichloropropane	8.17		"	10.0		81.7	77-128			30	
1,2,4-Trichlorobenzene	8.32		"	10.0		83.2	70-130			20	
1,2,4-Trimethylbenzene	8.81		"	10.0		88.1	82-132			20	
1,2-Dibromo-3-chloropropane	8.46		"	10.0		84.6	40-160			20	
1,2-Dibromoethane	8.42		"	10.0		84.2	70-130			20	
1,2-Dichlorobenzene	8.54		"	10.0		85.4	70-130			20	
1,2-Dichloroethane	9.13		"	10.0		91.3	70-130			20	
1,2-Dichloropropane	8.46		"	10.0		84.6	70-130			20	
1,3,5-Trimethylbenzene	9.27		"	10.0		92.7	80-131			30	
1,3-Dichlorobenzene	8.58		"	10.0		85.8	70-130			20	
1,4-Dichlorobenzene	8.38		"	10.0		83.8	70-130			20	
1,4-Dioxane	167		"	210		79.6	40-160			20	
2-Butanone	8.31		"	10.0		83.1	40-160			20	
2-Hexanone	6.86		"	10.0		68.6	40-160			20	
4-Methyl-2-pentanone	7.79		"	10.0		77.9	40-160			20	
Acetone	16.3		"	10.0		163	40-160	High Bias		20	
Acrolein	8.00		"	10.0		80.0	10-153			30	
Acrylonitrile	9.41		"	10.0		94.1	51-150			30	
Benzene	9.93		"	10.0		99.3	70-130			20	
Bromochloromethane	8.44		"	10.0		84.4	70-130			20	
Bromodichloromethane	8.66		"	10.0		86.6	70-130			20	
Bromoform	8.49		"	10.0		84.9	70-130			20	
Bromomethane	3.90		"	10.0		39.0	40-160	Low Bias		20	
Carbon disulfide	7.81		"	10.0		78.1	40-160			20	
Carbon tetrachloride	9.95		"	10.0		99.5	70-130			20	
Chlorobenzene	9.02		"	10.0		90.2	70-130			20	
Chloroethane	10.0		"	10.0		100	40-160			20	
Chloroform	9.29		"	10.0		92.9	70-130			20	
Chloromethane	5.27		"	10.0		52.7	40-160			20	
cis-1,2-Dichloroethylene	9.10		"	10.0		91.0	70-130			20	
cis-1,3-Dichloropropylene	8.39		"	10.0		83.9	70-130			20	
Cyclohexane	7.98		"	10.0		79.8	70-130			20	
Dibromochloromethane	8.49		"	10.0		84.9	70-130			20	
Dibromomethane	8.26		"	10.0		82.6	72-134			30	
Dichlorodifluoromethane	3.38		"	10.0		33.8	40-160	Low Bias		20	
Ethyl Benzene	9.49		"	10.0		94.9	70-130			20	
Hexachlorobutadiene	8.86		"	10.0		88.6	67-146			30	
Isopropylbenzene	9.12		"	10.0		91.2	70-130			20	
Methyl acetate	7.02		"	10.0		70.2	70-130			20	
Methyl tert-butyl ether (MTBE)	8.15		"	10.0		81.5	70-130			20	
Methylcyclohexane	8.28		"	10.0		82.8	70-130			20	
Methylene chloride	8.88		"	10.0		88.8	70-130			20	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK40664 - EPA 5030B											
LCS (BK40664-BS1)								Prepared & Analyzed: 11/11/2024			
n-Butylbenzene	9.29		ug/L	10.0		92.9	79-132			30	
n-Propylbenzene	9.13		"	10.0		91.3	78-133			30	
o-Xylene	9.09		"	10.0		90.9	70-130			20	
p- & m- Xylenes	16.2		"	20.0		81.2	70-130			20	
p-Isopropyltoluene	9.38		"	10.0		93.8	81-136			30	
sec-Butylbenzene	9.22		"	10.0		92.2	79-137			30	
Styrene	9.15		"	10.0		91.5	70-130			20	
tert-Butyl alcohol (TBA)	32.4		"	50.0		64.7	25-162			30	
tert-Butylbenzene	9.11		"	10.0		91.1	77-138			30	
Tetrachloroethylene	5.50		"	10.0		55.0	70-130	Low Bias		20	
Toluene	9.25		"	10.0		92.5	70-130			20	
trans-1,2-Dichloroethylene	8.88		"	10.0		88.8	70-130			20	
trans-1,3-Dichloropropylene	8.39		"	10.0		83.9	70-130			20	
Trichloroethylene	8.92		"	10.0		89.2	70-130			20	
Trichlorofluoromethane	9.26		"	10.0		92.6	40-160			20	
Vinyl Chloride	7.30		"	10.0		73.0	70-130			20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*70-130*				
LCS Dup (BK40664-BSD1)								Prepared & Analyzed: 11/11/2024			
1,1,1,2-Tetrachloroethane	8.65		ug/L	10.0		86.5	82-126		1.26	30	
1,1,1-Trichloroethane	9.24		"	10.0		92.4	70-130		3.93	20	
1,1,2,2-Tetrachloroethane	9.14		"	10.0		91.4	70-130		4.70	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.59		"	10.0		85.9	70-130		8.69	20	
1,1,2-Trichloroethane	8.96		"	10.0		89.6	70-130		5.39	20	
1,1-Dichloroethane	8.73		"	10.0		87.3	70-130		1.93	20	
1,1-Dichloroethylene	8.42		"	10.0		84.2	70-130		3.39	20	
1,2,3-Trichlorobenzene	8.22		"	10.0		82.2	70-130		2.09	20	
1,2,3-Trichloropropane	8.60		"	10.0		86.0	77-128		5.13	30	
1,2,4-Trichlorobenzene	8.20		"	10.0		82.0	70-130		1.45	20	
1,2,4-Trimethylbenzene	8.50		"	10.0		85.0	82-132		3.58	20	
1,2-Dibromo-3-chloropropane	9.17		"	10.0		91.7	40-160		8.05	20	
1,2-Dibromoethane	8.76		"	10.0		87.6	70-130		3.96	20	
1,2-Dichlorobenzene	8.36		"	10.0		83.6	70-130		2.13	20	
1,2-Dichloroethane	9.66		"	10.0		96.6	70-130		5.64	20	
1,2-Dichloropropane	8.33		"	10.0		83.3	70-130		1.55	20	
1,3,5-Trimethylbenzene	8.73		"	10.0		87.3	80-131		6.00	30	
1,3-Dichlorobenzene	8.19		"	10.0		81.9	70-130		4.65	20	
1,4-Dichlorobenzene	8.25		"	10.0		82.5	70-130		1.56	20	
1,4-Dioxane	4.10		"	210		1.95	40-160	Low Bias	190	20	Non-dir.
2-Butanone	9.42		"	10.0		94.2	40-160		12.5	20	
2-Hexanone	7.92		"	10.0		79.2	40-160		14.3	20	
4-Methyl-2-pentanone	8.56		"	10.0		85.6	40-160		9.42	20	
Acetone	19.0		"	10.0		190	40-160	High Bias	15.3	20	
Acrolein	0.440		"	10.0		4.40	10-153	Low Bias	179	30	Non-dir.
Acrylonitrile	10.8		"	10.0		108	51-150		13.9	30	
Benzene	9.73		"	10.0		97.3	70-130		2.03	20	
Bromochloromethane	8.75		"	10.0		87.5	70-130		3.61	20	
Bromodichloromethane	8.49		"	10.0		84.9	70-130		1.98	20	

Volatile Organic Compounds by GC/MS - 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
Batch BK40664 - EPA 5030B											
LCS Dup (BK40664-BSD1)								Prepared & Analyzed: 11/11/2024			
Bromoform	8.66		ug/L	10.0		86.6	70-130		1.98	20	
Bromomethane	5.57		"	10.0		55.7	40-160		35.3	20	Non-dir.
Carbon disulfide	7.60		"	10.0		76.0	40-160		2.73	20	
Carbon tetrachloride	9.45		"	10.0		94.5	70-130		5.15	20	
Chlorobenzene	8.76		"	10.0		87.6	70-130		2.92	20	
Chloroethane	13.3		"	10.0		133	40-160		28.3	20	Non-dir.
Chloroform	9.41		"	10.0		94.1	70-130		1.28	20	
Chloromethane	4.95		"	10.0		49.5	40-160		6.26	20	
cis-1,2-Dichloroethylene	8.89		"	10.0		88.9	70-130		2.33	20	
cis-1,3-Dichloropropylene	8.29		"	10.0		82.9	70-130		1.20	20	
Cyclohexane	7.61		"	10.0		76.1	70-130		4.75	20	
Dibromochloromethane	8.81		"	10.0		88.1	70-130		3.70	20	
Dibromomethane	8.45		"	10.0		84.5	72-134		2.27	30	
Dichlorodifluoromethane	3.30		"	10.0		33.0	40-160	Low Bias	2.40	20	
Ethyl Benzene	8.98		"	10.0		89.8	70-130		5.52	20	
Hexachlorobutadiene	8.19		"	10.0		81.9	67-146		7.86	30	
Isopropylbenzene	8.56		"	10.0		85.6	70-130		6.33	20	
Methyl acetate	7.77		"	10.0		77.7	70-130		10.1	20	
Methyl tert-butyl ether (MTBE)	9.11		"	10.0		91.1	70-130		11.1	20	
Methylcyclohexane	7.65		"	10.0		76.5	70-130		7.91	20	
Methylene chloride	8.83		"	10.0		88.3	70-130		0.565	20	
n-Butylbenzene	8.63		"	10.0		86.3	79-132		7.37	30	
n-Propylbenzene	8.53		"	10.0		85.3	78-133		6.80	30	
o-Xylene	8.85		"	10.0		88.5	70-130		2.68	20	
p- & m- Xylenes	15.4		"	20.0		76.8	70-130		5.63	20	
p-Isopropyltoluene	8.76		"	10.0		87.6	81-136		6.84	30	
sec-Butylbenzene	8.76		"	10.0		87.6	79-137		5.12	30	
Styrene	8.87		"	10.0		88.7	70-130		3.11	20	
tert-Butyl alcohol (TBA)	48.2		"	50.0		96.4	25-162		39.4	30	Non-dir.
tert-Butylbenzene	8.41		"	10.0		84.1	77-138		7.99	30	
Tetrachloroethylene	5.22		"	10.0		52.2	70-130	Low Bias	5.22	20	
Toluene	8.80		"	10.0		88.0	70-130		4.99	20	
trans-1,2-Dichloroethylene	8.62		"	10.0		86.2	70-130		2.97	20	
trans-1,3-Dichloropropylene	8.29		"	10.0		82.9	70-130		1.20	20	
Trichloroethylene	8.34		"	10.0		83.4	70-130		6.72	20	
Trichlorofluoromethane	9.89		"	10.0		98.9	40-160		6.58	20	
Vinyl Chloride	7.65		"	10.0		76.5	70-130		4.68	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*70-130*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
24K0419-01	MW-01 20241106	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K0419-02	MW-02 20241106	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
24K0419-03	MW-03 20241106	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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.

York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
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www.yorklab.com

Field Chain-of-Custody Record

YORK Project No. 24K0419

NOTE: 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.

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Gallagher Bassett Technical Services	same	same	24003-0015	RUSH - Next Day ___
Address: 22 IBM Rd Suite 101 Poughkeepsie, NY	Address:	Address:		RUSH - Two Day ___
Phone.: (845) 867-4724	Phone.:	Phone.:	YOUR Project Name	RUSH - Three Day ___
Contact: Szabolcs David	Contact:	Contact: Brenda Wells	24003-0015	RUSH - Four Day ___
Szabolcs_david@gbtpa.com	E-mail:	Brenda_wells@gbtpa.com	YOUR PO#:	Standard (5-7 Day) X

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.

Samples Collected by: (print your name above and sign below)
Szabolcs David

Matrix Codes	Samples From		Report / EDD Type (circle selections)			YORK Reg. Comp.
S - soil / solid	New York	X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
GW - groundwater	New Jersey		QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
DW - drinking water	Connecticut		NY ASP A Package	NJDEP Reduced	NYSDEC EQuIS	
WW - wastewater	Pennsylvania		NY ASP B Package	Deliverables	NJDEP SRP HazSite	
O - Oil ; Other	Other			NJDKQP	Other:	

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-01 20241106	GW	11/6/2024	VOCs (8260)	3x 40ml w/hcl
MW-02 20241106	GW	11/6/2024	VOCs (8260)	3x 40ml w/hcl
MW-03 20241106	GW	11/6/2024	VOCs (8260)	3x 40ml w/hcl

Comments:
MW-01 PID: 8.8, MW-02 PID: 49.2, MW-03 PID:0.7

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
GBT	11/7/24 9:30	Chris C 11-7-24	9:30	Chris C 11-7-24	1520
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
					11/7/24 15:20 / 2.0°C Degrees C

Technical Report

prepared for:

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Szabolcs David

Report Date: 11/14/2024
Client Project ID: 24003-0015
York Project (SDG) No.: 24K0532

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 11/14/2024
Client Project ID: 24003-0015
York Project (SDG) No.: 24K0532

Gallagher Bassett - NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Szabolcs David

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 08, 2024 and listed below. The project was identified as your project: **24003-0015**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
24K0532-01	MW-01 20241107	Ground Water	11/07/2024	11/08/2024
24K0532-02	MW-02 20241107	Ground Water	11/07/2024	11/08/2024
24K0532-03	MW-03 20241107	Ground Water	11/07/2024	11/08/2024

General Notes for York Project (SDG) No.: 24K0532

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, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 11/14/2024

Sample Information

Client Sample ID: MW-01 20241107 **York Sample ID:** 24K0532-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/14/2024 11:00	SS
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/14/2024 11:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 NELAC-NY10854,PADEP-68-04440	11/14/2024 11:00	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/14/2024 11:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 NELAC-NY10854,PADEP-68-04440	11/14/2024 11:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 NELAC-NY10854,PADEP-68-04440	11/14/2024 11:00	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	11/14/2024 11:00	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	11/14/2024 11:00	SS

Sample Information

Client Sample ID: MW-01 20241107 **York Sample ID:** 24K0532-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:00	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW-01 20241107 **York Sample ID:** 24K0532-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:00	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*22.8 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.2 %*	*30.7-106*

Semi-Volatile Organics, 8270 - Comprehensive (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-01 20241107 **York Sample ID:** 24K0532-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.210**		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 11:55	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-02 20241107 **York Sample ID:** 24K0532-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: MW-02 20241107 **York Sample ID:** 24K0532-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS NELAC-NY10854,PADEP-68-04440
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS NELAC-NY10854,PADEP-68-04440
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS NELAC-NY10854,PADEP-68-04440
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW-02 20241107 **York Sample ID:** 24K0532-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:29 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW-02 20241107 **York Sample ID:** 24K0532-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:29	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*23.9 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*50.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*43.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*52.6 %*	*30.7-106*

Semi-Volatile Organics, 8270 - Comprehensive (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-02 20241107 **York Sample ID:** 24K0532-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.730**		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:27	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW-03 20241107 **York Sample ID:** 24K0532-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	11/13/2024 08:06	11/14/2024 11:59	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW-03 20241107 **York Sample ID:** 24K0532-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 NELAC-NY10854,PADEP-68-04440	SS
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 NELAC-NY10854,PADEP-68-04440	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 NELAC-NY10854,PADEP-68-04440	SS
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	SS
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

Sample Information

Client Sample ID: MW-03 20241107 **York Sample ID:** 24K0532-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS NELAC-NY10854,NJDEP-CT005,PADEP-68-04440
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59	SS CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044

Sample Information

Client Sample ID: MW-03 20241107 **York Sample ID:** 24K0532-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
108-95-2	Phenol	ND		ug/L	0.750	5.00	1	EPA 8270D Certifications:	11/13/2024 08:06	11/14/2024 11:59 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*13.0 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*8.94 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*35.4 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.3 %*	*30.7-106*

Semi-Volatile Organics, 8270 - Comprehensive (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	SS
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044	SS
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications:	11/13/2024 08:06	11/14/2024 14:56 CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	SS

Sample Information

Client Sample ID: MW-03 20241107 **York Sample ID:** 24K0532-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
24K0532	24003-0015	Ground Water	November 7, 2024 3:00 pm	11/08/2024

Semi-Volatile Organics, 8270 - Comprehensive (SIM)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005		
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	11/13/2024 08:06	11/14/2024 14:56	SS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BK40838 **Preparation Method:** EPA 3510C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
24K0532-01	MW-01 20241107	11/13/24
24K0532-02	MW-02 20241107	11/13/24
24K0532-03	MW-03 20241107	11/13/24
BK40838-BLK1	Blank	11/13/24
BK40838-BLK2	Blank	11/13/24
BK40838-BS1	LCS	11/13/24
BK40838-BS2	LCS	11/13/24
BK40838-BSD1	LCS Dup	11/13/24

Semivolatile Organic Compounds by GC/MS - 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
Batch BK40838 - EPA 3510C											
Blank (BK40838-BLK1)											
Prepared & Analyzed: 11/13/2024											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - 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
Batch BK40838 - EPA 3510C											
Blank (BK40838-BLK1)									Prepared & Analyzed: 11/13/2024		
N-nitroso-di-n-propylamine	ND	5.00	ug/L								
N-Nitrosodiphenylamine	ND	5.00	"								
Phenol	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*11.6*		*"*	*50.0*		*23.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.76*		*"*	*50.0*		*13.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.6*		*"*	*25.0*		*50.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.7*		*"*	*25.0*		*42.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*28.0*		*"*	*50.0*		*55.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.9*		*"*	*25.0*		*55.5*	*30.7-106*				
Blank (BK40838-BLK2)									Prepared & Analyzed: 11/13/2024		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - 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
Batch BK40838 - EPA 3510C											
LCS (BK40838-BS1)							Prepared & Analyzed: 11/13/2024				
1,1-Biphenyl	13.7	5.00	ug/L	25.0		54.7	33-95				
1,2,4,5-Tetrachlorobenzene	14.0	5.00	"	25.0		56.1	26-120				
1,2,4-Trichlorobenzene	11.9	5.00	"	25.0		47.5	20-118				
1,2-Dichlorobenzene	10.7	5.00	"	25.0		42.7	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	13.3	5.00	"	25.0		53.1	16-141				
1,3-Dichlorobenzene	10.4	5.00	"	25.0		41.4	23-117				
1,4-Dichlorobenzene	10.5	5.00	"	25.0		42.1	30-105				
2,3,4,6-Tetrachlorophenol	17.2	5.00	"	25.0		69.0	30-130				
2,4,5-Trichlorophenol	14.4	5.00	"	25.0		57.6	32-114				
2,4,6-Trichlorophenol	15.1	5.00	"	25.0		60.5	35-118				
2,4-Dichlorophenol	14.4	5.00	"	25.0		57.6	25-116				
2,4-Dimethylphenol	13.8	5.00	"	25.0		55.2	15-116				
2,4-Dinitrophenol	12.4	5.00	"	25.0		49.6	10-170				
2,4-Dinitrotoluene	16.2	5.00	"	25.0		64.6	41-128				
2,6-Dinitrotoluene	15.8	5.00	"	25.0		63.2	45-116				
2-Chloronaphthalene	12.8	5.00	"	25.0		51.0	33-112				
2-Chlorophenol	12.0	5.00	"	25.0		48.0	15-120				
2-Methylnaphthalene	11.9	5.00	"	25.0		47.6	24-118				
2-Methylphenol	10.4	5.00	"	25.0		41.4	10-110				
2-Nitroaniline	15.2	5.00	"	25.0		60.7	34-129				
2-Nitrophenol	15.3	5.00	"	25.0		61.2	28-118				
3- & 4-Methylphenols	8.43	5.00	"	25.0		33.7	10-107				
3,3-Dichlorobenzidine	13.0	5.00	"	25.0		52.1	15-187				
3-Nitroaniline	12.0	5.00	"	25.0		48.0	24-134				
4,6-Dinitro-2-methylphenol	11.1	5.00	"	25.0		44.2	10-153				
4-Bromophenyl phenyl ether	14.4	5.00	"	25.0		57.5	34-120				
4-Chloro-3-methylphenol	14.3	5.00	"	25.0		57.3	20-120				
4-Chloroaniline	10.1	5.00	"	25.0		40.5	10-147				
4-Chlorophenyl phenyl ether	14.0	5.00	"	25.0		56.0	27-121				
4-Nitroaniline	14.6	5.00	"	25.0		58.5	13-134				
4-Nitrophenol	5.62	5.00	"	25.0		22.5	10-131				
Acetophenone	15.1	5.00	"	25.0		60.3	25-110				
Aniline	5.94	5.00	"	25.0		23.8	10-117				
Benzaldehyde	15.2	5.00	"	25.0		60.9	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	8.43	5.00	"	25.0		33.7	10-117				
Benzyl butyl phthalate	15.1	5.00	"	25.0		60.3	29-133				
Bis(2-chloroethoxy)methane	14.8	5.00	"	25.0		59.2	10-154				
Bis(2-chloroethyl)ether	12.6	5.00	"	25.0		50.5	17-125				
Bis(2-chloroisopropyl)ether	13.3	5.00	"	25.0		53.3	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	14.7	5.00	"	25.0		58.8	42-126				
Dibenzofuran	13.8	5.00	"	25.0		55.2	36-113				
Diethyl phthalate	14.8	5.00	"	25.0		59.2	38-115				
Dimethyl phthalate	14.5	5.00	"	25.0		58.0	38-129				
Di-n-butyl phthalate	15.2	5.00	"	25.0		60.8	31-120				
Di-n-octyl phthalate	14.8	5.00	"	25.0		59.2	21-149				
Hexachlorocyclopentadiene	6.13	10.0	"	25.0		24.5	10-130				
Isophorone	15.4	5.00	"	25.0		61.5	25-127				
N-nitroso-di-n-propylamine	13.7	5.00	"	25.0		54.6	26-122				
N-Nitrosodiphenylamine	15.4	5.00	"	25.0		61.4	23-149				

Semivolatile Organic Compounds by GC/MS - 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
Batch BK40838 - EPA 3510C											
LCS (BK40838-BS1)								Prepared & Analyzed: 11/13/2024			
Phenol	4.41	5.00	ug/L	25.0		17.6	10-110				
Surrogate: SURR: 2-Fluorophenol	*12.9*		*"*	*50.0*		*25.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.71*		*"*	*50.0*		*15.4*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.9*		*"*	*25.0*		*55.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		*"*	*25.0*		*50.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.5*		*"*	*50.0*		*63.0*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.6*		*"*	*25.0*		*58.5*	*30.7-106*				
LCS (BK40838-BS2)								Prepared & Analyzed: 11/13/2024			
Acenaphthene	0.610	0.0500	ug/L	1.00		61.0	25-116				
Acenaphthylene	0.690	0.0500	"	1.00		69.0	26-116				
Anthracene	0.680	0.0500	"	1.00		68.0	25-123				
Benzo(a)anthracene	0.750	0.0500	"	1.00		75.0	33-125				
Benzo(a)pyrene	0.740	0.0500	"	1.00		74.0	32-132				
Benzo(b)fluoranthene	0.790	0.0500	"	1.00		79.0	22-137				
Benzo(g,h,i)perylene	0.740	0.0500	"	1.00		74.0	10-138				
Benzo(k)fluoranthene	0.810	0.0500	"	1.00		81.0	20-137				
Bis(2-ethylhexyl)phthalate	0.870	0.500	"	1.00		87.0	10-189				
Chrysene	0.690	0.0500	"	1.00		69.0	32-124				
Dibenzo(a,h)anthracene	0.610	0.0500	"	1.00		61.0	16-133				
Fluoranthene	0.750	0.0500	"	1.00		75.0	32-121				
Fluorene	0.660	0.0500	"	1.00		66.0	28-118				
Hexachlorobenzene	0.690	0.0200	"	1.00		69.0	23-124				
Hexachlorobutadiene	0.390	0.500	"	1.00		39.0	15-123				
Hexachloroethane	0.450	0.500	"	1.00		45.0	18-115				
Indeno(1,2,3-cd)pyrene	0.630	0.0500	"	1.00		63.0	15-135				
Naphthalene	0.490	0.0500	"	1.00		49.0	18-120				
Nitrobenzene	0.410	0.250	"	1.00		41.0	21-121				
N-Nitrosodimethylamine	0.220	0.500	"	1.00		22.0	10-124				
Pentachlorophenol	0.980	0.250	"	1.00		98.0	10-156				
Phenanthrene	0.670	0.0500	"	1.00		67.0	24-127				
Pyrene	0.730	0.0500	"	1.00		73.0	31-132				

Semivolatile Organic Compounds by GC/MS - 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
Batch BK40838 - EPA 3510C											
LCS Dup (BK40838-BSD1)								Prepared & Analyzed: 11/13/2024			
1,1-Biphenyl	12.3	5.00	ug/L	25.0		49.2	33-95		10.5	20	
1,2,4,5-Tetrachlorobenzene	12.5	5.00	"	25.0		50.0	26-120		11.5	20	
1,2,4-Trichlorobenzene	10.3	5.00	"	25.0		41.1	20-118		14.4	20	
1,2-Dichlorobenzene	9.31	5.00	"	25.0		37.2	29-111		13.7	20	
1,2-Diphenylhydrazine (as Azobenzene)	13.1	5.00	"	25.0		52.4	16-141		1.29	20	
1,3-Dichlorobenzene	9.10	5.00	"	25.0		36.4	23-117		12.9	20	
1,4-Dichlorobenzene	9.19	5.00	"	25.0		36.8	30-105		13.5	20	
2,3,4,6-Tetrachlorophenol	16.4	5.00	"	25.0		65.4	30-130		5.36	20	
2,4,5-Trichlorophenol	14.3	5.00	"	25.0		57.2	32-114		0.627	20	
2,4,6-Trichlorophenol	14.6	5.00	"	25.0		58.4	35-118		3.50	20	
2,4-Dichlorophenol	14.2	5.00	"	25.0		56.6	25-116		1.61	20	
2,4-Dimethylphenol	14.2	5.00	"	25.0		57.0	15-116		3.14	20	
2,4-Dinitrophenol	13.3	5.00	"	25.0		53.2	10-170		7.01	20	
2,4-Dinitrotoluene	15.6	5.00	"	25.0		62.4	41-128		3.46	20	
2,6-Dinitrotoluene	16.1	5.00	"	25.0		64.3	45-116		1.69	20	
2-Chloronaphthalene	11.6	5.00	"	25.0		46.2	33-112		9.79	20	
2-Chlorophenol	11.5	5.00	"	25.0		46.1	15-120		4.00	20	
2-Methylnaphthalene	10.6	5.00	"	25.0		42.4	24-118		11.4	20	
2-Methylphenol	10.2	5.00	"	25.0		40.6	10-110		1.95	20	
2-Nitroaniline	14.5	5.00	"	25.0		58.1	34-129		4.38	20	
2-Nitrophenol	14.8	5.00	"	25.0		59.0	28-118		3.66	20	
3- & 4-Methylphenols	8.09	5.00	"	25.0		32.4	10-107		4.12	20	
3,3-Dichlorobenzidine	12.5	5.00	"	25.0		50.2	15-187		3.83	20	
3-Nitroaniline	11.9	5.00	"	25.0		47.7	24-134		0.669	20	
4,6-Dinitro-2-methylphenol	11.5	5.00	"	25.0		46.1	10-153		4.07	20	
4-Bromophenyl phenyl ether	14.1	5.00	"	25.0		56.2	34-120		2.18	20	
4-Chloro-3-methylphenol	14.3	5.00	"	25.0		57.2	20-120		0.210	20	
4-Chloroaniline	10.4	5.00	"	25.0		41.6	10-147		2.73	20	
4-Chlorophenyl phenyl ether	13.7	5.00	"	25.0		55.0	27-121		1.87	20	
4-Nitroaniline	14.0	5.00	"	25.0		55.9	13-134		4.62	20	
4-Nitrophenol	5.19	5.00	"	25.0		20.8	10-131		7.96	20	
Acetophenone	14.9	5.00	"	25.0		59.4	25-110		1.40	20	
Aniline	5.96	5.00	"	25.0		23.8	10-117		0.336	20	
Benzaldehyde	15.0	5.00	"	25.0		60.0	29-117		1.39	20	
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	8.40	5.00	"	25.0		33.6	10-117		0.357	20	
Benzyl butyl phthalate	15.0	5.00	"	25.0		60.0	29-133		0.599	20	
Bis(2-chloroethoxy)methane	14.6	5.00	"	25.0		58.4	10-154		1.29	20	
Bis(2-chloroethyl)ether	12.4	5.00	"	25.0		49.6	17-125		1.76	20	
Bis(2-chloroisopropyl)ether	12.9	5.00	"	25.0		51.6	10-139		3.20	20	
Caprolactam	2.53	5.00	"	25.0		10.1	10-137		8.23	20	
Carbazole	14.2	5.00	"	25.0		56.7	42-126		3.60	20	
Dibenzofuran	13.3	5.00	"	25.0		53.4	36-113		3.46	20	
Diethyl phthalate	14.3	5.00	"	25.0		57.2	38-115		3.37	20	
Dimethyl phthalate	14.0	5.00	"	25.0		56.1	38-129		3.30	20	
Di-n-butyl phthalate	14.5	5.00	"	25.0		58.0	31-120		4.64	20	
Di-n-octyl phthalate	14.3	5.00	"	25.0		57.1	21-149		3.51	20	
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias		20	
Isophorone	14.9	5.00	"	25.0		59.8	25-127		2.90	20	
N-nitroso-di-n-propylamine	13.5	5.00	"	25.0		54.0	26-122		1.18	20	
N-Nitrosodiphenylamine	14.7	5.00	"	25.0		58.7	23-149		4.53	20	

Semivolatile Organic Compounds by GC/MS - 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
Batch BK40838 - EPA 3510C											
LCS Dup (BK40838-BSD1)								Prepared & Analyzed: 11/13/2024			
Phenol	4.29	5.00	ug/L	25.0		17.2	10-110		2.76	20	
Surrogate: SURR: 2-Fluorophenol	*13.3*		*"*	*50.0*		*26.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.76*		*"*	*50.0*		*15.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.4*		*"*	*25.0*		*57.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		*"*	*25.0*		*50.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.9*		*"*	*50.0*		*63.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.8*		*"*	*25.0*		*59.3*	*30.7-106*				

Sample and Data Qualifiers Relating to This Work Order

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

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.

York Analytical Laboratories, Inc.
120 Research Drive 132-02 89th Ave
Stratford, CT 06615 Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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.

YORK Project No. 24K0532

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Gallagher Bassett Technical Services	same	same	24003-0015	RUSH - Next Day ___
Address: 22 IBM Rd Suite 101 Poughkeepsie, NY	Address:	Address:	YOUR Project Name	RUSH - Two Day ___
Phone.: (845) 867-4724	Phone.:	Phone.:	24003-0015	RUSH - Three Day ___
Contact: Szabolcs David	Contact:	Contact: Brenda Wells		RUSH - Four Day ___
Szabolcs_david@gbtpa.com	E-mail:	Brenda_wells@gbtpa.com	YOUR PO#:	Standard (5-7 Day) X

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.

Samples Collected by: (print your name above and sign below)
Szabolcs David

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ⋮ Other

Samples From
New York X
New Jersey ___
Connecticut ___
Pennsylvania ___
Other ___

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced | NYSDEC EQuIS
NY ASP B Package | Deliverables | NJDEP SRP HazSite
NJDKQP | Other:

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW-01 20241107	GW	11/7/2024	SVOC (8270)	2x 1L amber
MW-02 20241107	GW	11/7/2024	SVOC (8270)	2x 1L amber
MW-03 20241107	GW	11/7/2024	SVOC (8270)	2x 1L amber

Comments:
MW-01 PID: , MW-02 PID: , MW-03 PID:

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ___
Lab to Filter ___

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
GBTS	11/08/24 11:00	Chris C	11-8-24 11:00	Chris C	11-8-24 13:50
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				Tamara	11/8/24 13:50 1.9 Degrees C

APPENDIX E – Previous Reports

Sullivan County
Division of Planning & Community Development

Phase II Environmental Site Assessment (ESA)

Strong Building
430 Broadway
Monticello, New York
Sullivan County

Tectonic
PRACTICAL SOLUTIONS. EXCEPTIONAL SERVICE.

Prepared for: **Sullivan County**
100 North Street
Monticello, New York 12701

Prepared by: **Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.**
70 Pleasant Hill Road
Mountainville , New York 10953

October 19, 2021

Work Order: 9294.01

PHASE II ENVIRONMENTAL SITE ASSESSMENT (ESA)
STRONG BUILDING
430 BROADWAY
VILLAGE OF MONTICELLO, SULLIVAN COUNTY, NEW YORK

TABLE OF CONTENTS

1.0 INTRODUCTION

Tectonic Engineering and Surveying Consultants, P.C. (Tectonic) has prepared this Phase II Environmental Site Assessment (ESA) Report for the property located at 430 Broadway in the Village of Monticello, New York (herein referred to as the "Site" or "Subject Property"). This Phase II ESA investigation was performed in substantial accordance with the United States Environmental Protection Agency (USEPA) approved site-specific Sampling and Analysis Plan (SAP) dated August 2019 and revised November 14, 2019 and Quality Assurance Project Plan (QAPP) dated August 2019 and revised February 27, 2020.

The subject Phase II ESA investigation was conducted in support of EPA Brownfield Hazardous Substance grant funds being administered by the Sullivan County Division of Planning & Community Development (DPCD). It is our understanding that the funds are being used to identify and assess brownfield sites in Sullivan County, focusing on the urban centers of Monticello, Liberty and South Fallsburg.

The primary objective of this Phase II ESA was to collect physical and chemical data in order to evaluate the presence / absence of potential impacts from ten (10) Recognized Environmental Conditions (RECs) identified in the Phase I ESA for the Strong Building property, as outlined in our Phase I ESA Report dated May 6, 2019. These RECs are described in detail in Section 2.5 of this Phase II ESA.

2.0 BACKGROUND

2.1 Site Description and Features

The Subject Property is located at 430 Broadway in the Village of Monticello, Sullivan County, New York 12701. The Subject Property is the parcel of land identified as Tax Map Number 112.-9-14.1 by the Sullivan County Tax Map Department. The site occupies 0.4 acres in an area that is primarily characterized by commercial and residential land use.

The Subject Property is improved with one (1) three-story structure with a full basement. According to the Sullivan County Tax Web App, the structure has an approximate gross floor area of 16,200-square feet. Based on an estimate derived using Google aerial imagery, the footprint of this structure is approximately 5,500-square feet. The remainder of the Subject Property consists of a paved area in the rear of the structure. The approximate location of the Subject Property is shown in **Figure 1**.

2.2 Physical Setting

Soil:

The United States Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS), and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. Soil maps, based on the State Soil Geographic (STATSGO) database, are compiled by generalizing more detailed Soil Survey Geographic (SSURGO) database maps. The EDR report provides the information, enumerated below, from these sources.

A USDA Natural Resources Conservation Service (NRCS) Custom Soil Resource Report was generated by the NRCS Web Soil Survey 2.0, to supplement the report generated by EDR. According to these reports, mapped soils at the Subject Property consist of Lackawanna channery loam, 3 to 8 percent slopes (LaB). LaB is described as a loamy till derived from reddish sandstone, siltstone, and shale; this soil which extends to a

depth of 17 to 36 inches before encountering fragipan and to a depth of 16 to 36 inches before encountering the water table. This soil type is described as well drained and is categorized as hydrologic soil group C.

Geology:
According to the United States Geological Survey (USGS) and the New York State (NYS) Museum Office of Cartography and Publications' Generalized Bedrock Geology of NYS, the surficial geology underlying the Subject Property consists of till deposited under glacial ice. The bedrock geology on site consists of the Upper Walton Formation, consisting of grey and green cross-bedded sandstones, red and green shales, and round pebble quartz conglomerates.

Hydrogeology:
Monticello is not located within a 100-year flood zone and no designated wetlands or other surface water bodies have been identified on the Subject Property. The general topographic gradient of the Subject Property and the surrounding area is to the south.

2.3 Site History and Land Use

The Strong Building is currently owned by Strong NY Development, LLC. The Subject Property and the existing structure are currently unoccupied.

According to the Sullivan County Image Mate Online Property Description Report, former owners of the property included:

- Vrancich Mark (recorded February 17, 2004);
- Romano Michelangelo (recorded October 1, 1998);
- Fusco Generoso (recorded September 14, 1994);
- D'Abbraccio Michael (recorded June 1, 1992);
- D'Abbraccio Angelo (recorded August 5, 1991);
- D'Abbraccio Angelo (recorded August 1, 1986); and
- Benincasa, Dominic.

According to the Sullivan County Property Ownership Card obtained from the Sullivan County Image Mate Online website, former owners of the property included:

- Vrancich Mark & Scott (recorded February 27, 2004);
- Romano Michelangelo & Francesca (recorded December 4, 1998);
- Fusco Generoso & Concetta (recorded September 16, 1994);
- D'Abbraccio Kerri L. and Michael (recorded July 30, 1992);
- D'Abbraccio Angelo (recorded August 9, 1991);
- Ninety Seven Holding Corp (recorded January 6, 1989);
- D'Abbraccio Angelo & Michael (recorded August 21, 1986);
- Benincasa Dominic (recorded May 8, 1981); and
- Fleischer A P (recorded Jun 6, 1939).

A copy of the Sullivan County Image Mate Property Description Report and Property Ownership Card are included in **Appendix I**.

2.4 Adjacent Property Land Use

The Site is bordered on the north by an unoccupied/vacant building, on the west by Landfield Avenue and a commercial building (Nature Lounge and Restaurant), on the south by Broadway and a commercial structure (Choices Mental Health Counseling), and on the east by an unoccupied/vacant building.

2.5 Summary of Previous Assessments

Tectonic performed a Phase I ESA for Strong Building and presented findings and recommendations in the Phase I ESA Report dated May 6, 2019 and updated October 13, 2020. Tectonic identified ten (10) RECs which included:

1. The first REC that was identified is associated with the Subject Property being historically utilized as a paint and oils store and a dry-cleaning facility, as identified in the historic Sanborn Maps. Due to the nature of activities performed at these facilities, it has been determined that these activities have a moderate potential for environmental impact on the Subject Property.

2. The second REC that was identified, Environmental Data Resources, Inc. (EDR) incident ID A1, is a spill associated with an underground storage tank (UST) failure that was not cleaned up according to New York State Department of Environmental Conservation (NYSDEC) standards. This spill was reported to be located at the intersection of Broadway and Landfield Avenue but is potentially associated with the garage located 128 feet north and up-gradient of the Subject Property. Due to the unknown quantity of material released, location approximately adjacent to and up-gradient to the Subject Property, and the cleanup not meeting NYSDEC standards, it has been determined that this spill has a moderate potential for environmental impacts on the Subject Property.

3. The third REC that was identified, EDR Incident ID B2, is associated with the historic use of the site as an automobile repair garage located approximately 128 feet north and up-gradient of the Subject Property. Due to the location approximately adjacent to and up-gradient to the Subject Property and the nature of the historic site use reported at this location, it has been determined that this site has a moderate potential for environmental impacts on the Subject Property.

4. The fourth REC that was identified, EDR Incident ID A3, is a spill that occurred as part of a UST removal at a local Church. Contaminated soil was discovered during the UST removal and the cleanup did not meet NYSDEC standards. Due to the unknown quantity of fuel oil released and the cleanup not meeting NYSDEC standards, it has been determined that this spill has a moderate potential for environmental impacts on the Subject Property.

5. The fifth REC that was identified, EDR Incident ID E10, is associated with the material release discovered as part of a UST removal at the Monticello Middle School. Cleanup did not meet standards. Due to the unknown quantity of materials released and the cleanup not meeting NYSDEC standards, it has been determined that this spill has a moderate potential for environmental impact on the Subject Property.

6. The sixth REC that was identified, EDR Incident ID F12, is associated with approximately 150 gallons of gasoline being discovered in a manhole, with approximately 50 gallons being unrecovered during cleanup activities. Due to this mapped site's proximity to the Subject Property and approximately 50

gallons of unrecovered gasoline, this reported spill has a moderate potential for environmental impact on the Subject Property despite being reported as meeting NYSDEC standards.

7. The seventh REC that was identified, EDR Incident ID D14, is associated with petroleum being found in a manhole. The source was never discovered, and cleanup did not meet standards. Due to the unknown quantity of material released from an unknown source and the cleanup not meeting NYSDEC standards, it has been determined that this spill has a moderate potential for environmental impact on the Subject Property.

8. The eighth REC that was identified, EDR Incident ID D20, is the presence of a historic dry cleaner facility located approximately 474 feet from the Subject Property. Due to the nature of activities performed at dry cleaning facilities and the close proximity to the Subject Property, it has been determined that undocumented releases at this site have a moderate potential for environmental impact on the Subject Property.

9. The ninth REC was identified through a review of the 1929 Sanborn Fire Insurance Map which revealed that a battery service facility was located within close proximity to the Subject Property. Due to the nature of activities performed at this facility, it has been determined that former operations at this facility have a moderate potential for environmental impact on the Subject Property.

10. The tenth REC is associated with three (3) ASTs that were observed in the basement of the Subject Property in varying degrees of deterioration. It is unknown as to the history of these ASTs, including the identification and status of the contents of these ASTs and when they were in use. As such, the presence of these deteriorated ASTs has a moderate potential for environmental impacts on the Subject Property.

To the best of our knowledge, no other environmental investigations at the Subject Property have been performed.

3.0 PHASE II ESA ACTIVITIES

Prior to mobilization to the Site for field activities, Tectonic has identified three (3) potential areas of concern (AOCs) at the Subject Property. Based on these three (3) AOCs, Tectonic has identified two (2) areas within the limits of the Subject Property that are most likely to exhibit potential impacts and/or contamination due to historic use of the Subject Property and surrounding properties (see **Figure 2**). The identification of these areas was informed primarily by performing the Phase I ESA. These areas of concern (AOC) include:

- AOC 1: This AOC has been identified as the entire Subject Property itself due to the existence of three (3) deteriorated ASTs in the basement of the existing building and the building's historic use as a dry-cleaning facility. This AOC will be investigated through the advancement of a soil boring within the basement of the existing Strong Building adjacent to the southern foundation wall. This location was selected as it is located on the down-gradient side of the Subject Property. Soils and groundwater (if encountered) at this location will be sampled and screened to assess whether or not impacts from potential releases from the three (3) ASTs located in the basement or the building's historic use as a dry-cleaning facility are present (REC 1 and REC 10).

- AOC 2: This AOC has been identified as the northern property boundary of the Subject Property, which may exhibit impacts from releases from off-site up-gradient sources. This AOC will be investigated through the advancement of a soil boring near the northwestern corner boundary of the Subject Property. Soils and groundwater will be sampled at this location to assess whether or not impacts from potential releases from up-gradient properties are present (REC 3 and REC 9).

- AOC 3: This AOC has been identified as the southern property boundary of the Subject Property, which may exhibit impacts from releases from off-site down-gradient and cross-gradient sources. Please note that these off-site sources are located either cross-gradient or down-gradient and south from the Subject Property and the general topographic gradient of the local area is to the south. As such, potential releases and/or contamination that may have resulted from these RECs were likely to migrate toward the south, away from the Subject Property. Additionally, due to the layout of the Subject Property, advancement of soil borings and/or the installation of groundwater monitoring wells on the southern edge of the Subject Property is not feasible. The boring to be advanced at AOC 1 will investigate potential impacts at the Subject Property resulting from the six (6) down-gradient RECs (RECs 2, 4, 5, 6, 7, and 8).

Additionally, based on comments on the Phase I ESA, provided by the USEPA, the subject Phase II ESA investigation was designed to include an additional component: Tectonic obtained additional relevant documentation for the Subject Property from the Village of Monticello to evaluate when the structure on the property was connected to the municipal sewer system. The Village of Monticello Building and Sewer Departments both indicated that they had no records of any sewer connection for the facility. The three (3) AOCs are shown in **Figure 2**.

3.1 Deviations from the SAP / QAPP

Groundwater sampling was included as part of the scope of work in our USEPA approved SAP and QAPP with the intention of providing data relative to the presence and/or absence of petroleum impacts within the shallow groundwater within the limits of all three (3) AOCs associated with the ten (10) identified RECs. However, bedrock was encountered at shallow depths (7 – 14 feet below ground surface) and groundwater was not encountered. As such, monitoring wells could not be installed, and groundwater samples were not collected.

3.2 Building Department Records Review

Tectonic conducted a records review in accordance with American Society for Testing & Materials ("ASTM") Practice E1527-13 during the Phase I ESA investigation. As part of the subject investigation, Tectonic requested any records on file for the Subject Property located at the Village of Monticello Building Department associated with existence of a potential septic system or any underground storage tanks. The Village of Monticello's Building Department responded on June 25, 2019, stating that no information was available associated with the presence of a septic tank or underground storage tanks on the Subject Property. Copies of this correspondence are included in **Appendix II**.

3.3 Soil Sampling

On April 28, 2021, a geologist from Tectonic, with current OSHA HAZWOPER training, and representatives from Core Down Drilling, LLC mobilized to the Site to advance three (3) soil borings to depths ranging between

approximately seven (7) feet to fourteen (14) feet below ground surface (bgs) (see **Figure 3**). Borings were advanced continuously via Geoprobe 7822DT direct push rig to refusal at bedrock.

The three (3) soil borings were located to address the three (3) AOCs identified, as detailed below.

- One (1) soil boring (designated boring B1) was advanced in the vicinity of the northwest corner of the Subject Property. This boring was performed to address AOC #2.

- One (1) soil boring (designated boring B2) was advanced in the vicinity of the existing structure. This boring was performed to address AOC #1.

- One (1) soil boring (designated boring B3) was advanced approximately down-gradient from the structure. This boring was performed to address AOC #3.

The soil borings were advanced via Geoprobe to refusal at bedrock; no groundwater was encountered. See Boring Logs included as **Appendix II** for details.

Soils were visually and olfactorily inspected and field screened with a calibrated MiniRAE 3000 Photoionization Detector (PID) for the presence of Volatile Organic Compounds (VOCs) or other contaminants. No visual or olfactory indicators of contamination or PID readings above background concentrations were observed in the borings designated B-2 and B-3; boring B-1 exhibited a maximum elevated PID reading of 116.3 parts per million (ppm) and evidence of brick and concrete within the first six (6) feet bgs.

The soils were classified via the United Soil Classification System (USCS), and generally consisted of brown/red brown coarse to fine sand with varying amounts of gravel and silt. USCS classifications are noted on the corresponding boring logs, included as **Appendix III**.

Two (2) discrete soil samples were collected at each sampling location. Soil sample depths were selected to be within the depth interval with the highest PID reading or at boring termination depth. The portion of the discrete soil samples to be analyzed for VOCs were collected using Terra Core® samplers. The approximately three (3) to five (5) discrete grab samples per composite sample were collected for the remaining analyses using dedicated single-use sampling equipment (see **Table 1** for remaining analysis). Soils were obtained directly off the dedicated plastic liner via dedicated plastic scoop or utilizing hands covered in single use nitrile gloves and placed into a food-grade plastic container. Samples were kneaded to form a visually homogeneous composite samples before they were placed into laboratory prepared glassware. A field duplicate of the soil samples designated B-3 8 ft and B-3 4.5-9 ft were collected and designated as B-3 12 ft and B-3 9-14 ft. A total of seven (7) discrete and seven (7) composite soil samples, including the field duplicates, were collected.

In addition to the soil samples, an equipment blank sample was collected with the intention of assessing the potential for field contamination. One (1) equipment blank was prepared by passing deionized water supplied by the laboratory over a dedicated, single use sampling device as was utilized during sampling activities. The rinsate blank, designated as “field blank”, was collected within laboratory prepared sample containers.

The soil samples and equipment rinsate blank containers were labeled, placed into a cooler on ice, and transferred to a courier provided by York Analytical Laboratories (York), a New York State Environmental Laboratory Approval Program (ELAP) accredited laboratory located in Stratford, Connecticut following standard chain-of-custody protocol.

Boring logs are attached as **Appendix III**. A map showing the location of soil borings is shown in **Figure 3**. Photographs depicting the conditions at the site during sample collection activities are included as **Appendix IV**.

4.0 ANALYTICAL TEST RESULTS

All samples were analyzed by York located in Stratford, Connecticut. Samples were received intact and at the proper temperature by the laboratory, and within the method required holding times for all analyses. Soil samples were analyzed for the parameters listed in **Table 1** via the indicated analytical methods.

Table 1: Soil Sample Analyses Summary

Parameter	Method
Target Compound List (TCL) Volatile Organic Compounds (VOCs)	SW-846 Method 8260
TCL Semi-volatile Organic Compounds (SVOCs)	SW-846 Method 8270
TCL Polychlorinated Biphenyls (PCBs)	SW-846 Method 8082
Target Analyte List (TAL) Metals	SW-846 Methods 6010/7470

Soil sample analytical results were compared to the Soil Clean-Up Objectives (SCOs) set forth in 6 NYCRR Part 375. -6.8(a) and (b) (Part 375) and the Supplemental Soil Clean-up Objectives (SSCOs) set forth by the New York State Department of Environmental Conservation (NYSDEC) Final Commissioner Policy, CP-51 (CP-51). Summary comparison tables of detected analytes in the soil samples and soil chemical properties are presented in **Tables 2 - 4**. A copy of the analytical test results is attached in **Appendix V**.

5.0 FINDINGS

The following summarizes the findings of the Phase II investigation soil sampling conducted on April 28, 2021. The findings of the soil sampling and the results of the analytical testing indicate the following:

5.1 Soil Samples

1. No PID readings, odors, visual or olfactory evidence, or staining indicating the potential presence of petroleum hydrocarbon compounds or other contaminants were observed in borings designated B-2 and B-3. PID readings above ambient conditions were noted in the boring designated B-1, with the highest PID reading observed being 116.3 ppm at approximately six (6') bgs.

2. The analytical test results indicate that the PCBs detected within the soil samples obtained from the boring designated B-1 were above laboratory detection limits but below their respective Part 375/CP-51 SCOs/SSCOs for all use criteria. The analytical test results indicate that PCBs were not present above laboratory reporting limits in the soil samples collected from the borings designated B-2 or B-3.

3. The analytical test results indicate that the VOC methylene chloride was detected above the Part 375/CP-51 SCOs/SSCOs Unrestricted Use and Protection of Groundwater criteria within boring B-1 but below all other Part 375/CP-51 SCOs/SSCOs criteria.

The analytical test results indicate that the remaining VOCs detected above laboratory detection limits in the discrete soil samples were below their respective Part 375/CP-51 SCOs/SSCOs for all use criteria in the soil samples collected as part of this investigation.

It should be noted that while acetone and methylene chloride are common laboratory contaminants, the laboratory did not detect either acetone or methylene chloride in the associated method blanks for these compounds. Additionally, York analyzed the VOC samples in a laboratory dedicated to analysis of volatiles in water, soils, and vapor samples; as such, acetone and methylene chloride are not used in this laboratory. Based on the above information, the detected parameters are considered intrinsic to the soil samples and not a laboratory contaminant.

4. The analytical test results indicate that concentrations of the following metals were detected in at least one of the composite soil samples at concentrations above at least one of their respective Part 375/CP-51 SCOs/SSCOs use criteria:

    - Copper;
    - Lead;
    - Zinc.
    - Iron;
    - Mercury; and

    Remaining detected metals in the composite soil samples were below their respective Part 375/CP-51 SCOs/SSCOs criteria limits for all uses.

5. The analytical test results indicate that concentrations of SVOCs were detected in the composite soil sample B-1 0-7 ft at concentrations above at least one of the respective Part 375/CP-51 SCOs/SSCOs unrestricted use criteria:

    - Benzo(a)anthracene;
    - Benzo(b)fluoranthene;
    - Chrysene;
    - Indeno(1,2,3-cd)pyrene.
    - Benzo(a)pyrene;
    - Benzo(k)fluoranthene;
    - Dibenzo(a,h)anthracene; and

    The analytical test results indicate that the SVOC Indeno(1,2,3-cd)pyrene was detected above the Part 375/CP-51 SCOs/SSCOs Restricted Residential Use criteria within boring B-2 0-3.5 ft but below all other Part 375/CP-51 SCOs/SSCOs criteria. Remaining detected SVOCs in the composite soil samples were below their respective Part 375/CP-51 SCOs/SSCOs criteria limits for all uses.

6. A field duplicate of the samples designated B-3 8 ft and B-3 4.5-9 ft were collected and designated B-3 12 ft and B-3 9-14 ft. The relative percent difference (RPD) of the analytical results between the duplicates is presented in **Table 6**, below:

Table 6: Soil Duplicate RPD Summary

Analytical Parameter	B-3 8 ft result (ppm)	B-3 12 ft result (ppm)	RPD
Methylene Chloride	0.0075 J	0.0056 J	42.25 %
Aluminum	9,370	9,110	2.81 %
Arsenic	2.38	2.86	18.32 %
Barium	49.5	54.1	8.88 %
Beryllium	0.204	0.176	14.74 %
Calcium	591	715	18.99 %
Chromium, total	9.96	9.40	5.79 %
Cobalt	7.82	8.23	5.11 %
Copper	6.64	10.8	47.71 %
Cyanide, total	17,900	18,700	4.37 %
Iron	23.5	41.6	55.61 %
Lead	2,450	2,700	9.71 %
Magnesium	306	487	45.65 %
Manganese	0.0692	0.0839	19.20 %
Nickel	14.0	14.5	3.51 %
Potassium	1,160	1,270	9.05 %
Sodium	316	337	6.43 %
Vanadium	11.2	10.8	3.64 %
Zinc	63.8	47.4	29.50 %

A small RPD indicates good correlation between the two samples being compared. Our USEPA approved QAPP stipulated that the performance criteria for field duplicates would be ≤ 30% for VOCs and ≤ 35% for Metals in soil. SVOCs and PCBs were not detected in either duplicate sample, and as such, no RPD could be calculated.

Only one (1) VOC, methylene chloride, was detected by the laboratory in the soil sample and its duplicate. The RPD for methylene chloride was calculated to be 42.25%, which is above the 30% threshold. However, it should be noted that the concentrations of methylene chloride were estimated, as they were below the reporting limits but greater than or equal to the Method Detection Limit. As such, the RPD value for methylene chloride is an approximate value based on estimated concentrations and may not be representative of actual concentrations within the samples.

Fourteen of the seventeen metals parameters for which a RPD could be calculated fell below the 35% threshold for acceptance. The metals copper, iron and magnesium had RPD values higher than the 35% acceptance.

The goal of the collection of field duplicates during the subject investigation was to use the RPD calculations as a preliminary flag for the analytical data. As such copper, iron and magnesium were flagged due to their RPD values. Once flagged, the analytical data was more thoroughly reviewed to determine whether or not this error was significant and would affect future decisions made in regard to site redevelopment. In totality, the analytical data points show good correlation of metals concentrations across the different areas of the Subject Property that were investigated. This lack of fluctuation in metals concentrations across the Subject Property suggests that these are the ambient concentrations of metals within on-site soils. Additionally, the detected concentrations of copper and magnesium tend to be an order of magnitude less than the relevant NYSDEC SCOs/SSCOs site-wide, and concentrations of iron are indicative of parent material found within the local

bedrock formations. As such, this error will likely not have a significant impact nor limit future decision making. These RPD values do not necessarily quantify a measure of heterogeneity, but they suggest that there is an inherent heterogeneity in the soil.

5.2 QA/QC Samples

1. The analytical test results indicate that the VOC methylene chloride was detected in the trip blank for April 28, 2021. This concentration does not impact the conclusions or recommendations of this report, as all concentrations of methylene chloride within the soil samples were estimated values below the reporting limits but greater than or equal to the Method Detection Limit. Additionally, concentrations of methylene chloride were detected at greater concentration within the trip blank than the low-level, estimated values within the soil samples. As such, the source of the methylene chloride detected in the trip blank may be the result of cross-contamination that may have potentially occurred during the transport of samples and may not be attributable to actual conditions at the Site.

2. The analytical test results indicate that the SVOC fluorene was detected in the equipment rinsate blank designated as Field Blank. The field blank was collected from single-use, dedicated equipment that was used for the soil samples collected from the borings. These concentrations do not impact the conclusions and recommendations of this report, as the soil samples collected from the borings exhibited low level concentrations of this SVOC that were found to be below NYSDEC soil criteria.

6.0 CONCLUSIONS AND RECOMMENDATIONS

This Phase II ESA was based on field work consisting of the advancement of three (3) borings to bedrock on the Subject Property. No groundwater was encountered and potential impacts to on-site soil vapor was not investigated.

No odors, PID readings, or visual or olfactory evidence of contamination were observed at two (2) of the three (3) borings. The third boring, designated B-1, exhibited a maximum elevated PID reading of 116.3 ppm at approximately six (6') feet bgs. The soils sampled and analyzed as part of this investigation would be classified as non-hazardous regulated material by the State in New York. As such, should redevelopment or improvements be considered for the site, Tectonic offers the following recommendations:

1. A site-specific Health and Safety Plan (HASP) should be developed by a qualified safety professional and should include a task-specific health and safety analysis to identify task-specific hazardous, hazard controls, and monitoring and safety requirements for all phases of work. The HASP should be implemented by the appropriate party(ies) during site improvement activities, as specified.

2. A Site Management Plan (SMP) should be prepared by qualified personnel. The SMP should define the overall measures required to maintain protection of human health and the environment via an evaluation of the potential exposure pathways and receptors. Further, the SMP should specify what, if any, additional sampling is required to determine whether the material is environmentally suitable for reuse on-site.

3. All soils, debris and groundwater leaving the site should be disposed of at a facility permitted to accept the material. All soils designated for off-site disposal should be classified in accordance with the facility's acceptance criteria. Off-site disposal operations shall meet the Contract document

requirements, and if not otherwise specified, include a waste transportation manifest and disposal documentation program.

4. A Community Air Monitoring Plan (CAMP) should be developed in accordance with NYSDOH for any soil disturbing activities.

5. The aboveground storage tanks on site should be closed in accordance with NYSDEC Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10), 6 NYCRR Part 375 Environmental Remediation Programs (Part 375), and/or 6 NYCRR Part 613, as applicable.

6. Should evidence of a petroleum or other materials release be encountered during site improvements, or during the closure of the existing storage tanks on site, this release should be reported to the NYSDEC Hotline at 1-800-457-7362.

7. Due to the age of the structures, an asbestos containing materials (ACM) and lead based paint (LBP) investigation should be performed if demolition or renovation to the structures is anticipated.

8. Should groundwater be encountered during Site improvements, dewatering should be performed in accordance with New York State and local regulations, as necessary.

7.0 LIMITATIONS

The Phase II ESA services provided by Tectonic have been performed in general accordance with industry standards. Our professional services were performed using the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental engineers and geologists practicing in this or similar situations. Our interpretation of the field data is based on good judgment and experience. However, no matter how qualified the environmental engineer or detailed the investigation, conditions cannot always be predicted beyond the points of actual sampling and testing. No other warranty, expressed or implied, is made as to the professional advice included in this report.

Legend

1:1,000

Subject Property (Strong Building)

0 50 100 200 Feet

Strong Building
430 Broadway
Monticello, NY 12701

Approximate Site Location

Tectonic

Date: 5/17/2021
Project #: 9294.01
Location: Monticello, New York 12701

PO Box 37, 70 Pleasant Hill Rd.
Mountainville, New York 10953
Phone: (845) 534-5959

Figure: 1

Document Path: G:\Mountainville\Environmental\9294 Sullivan County Brownfields Consultant\03-GIS

Legend

1:500

- Subject Property (Strong Building)
- AOC #1
- AOC #2
- AOC #3

0 25 50 100 Feet

Strong Building
430 Broadway
Monticello, NY 12701

Approximate Location of Areas of Concern

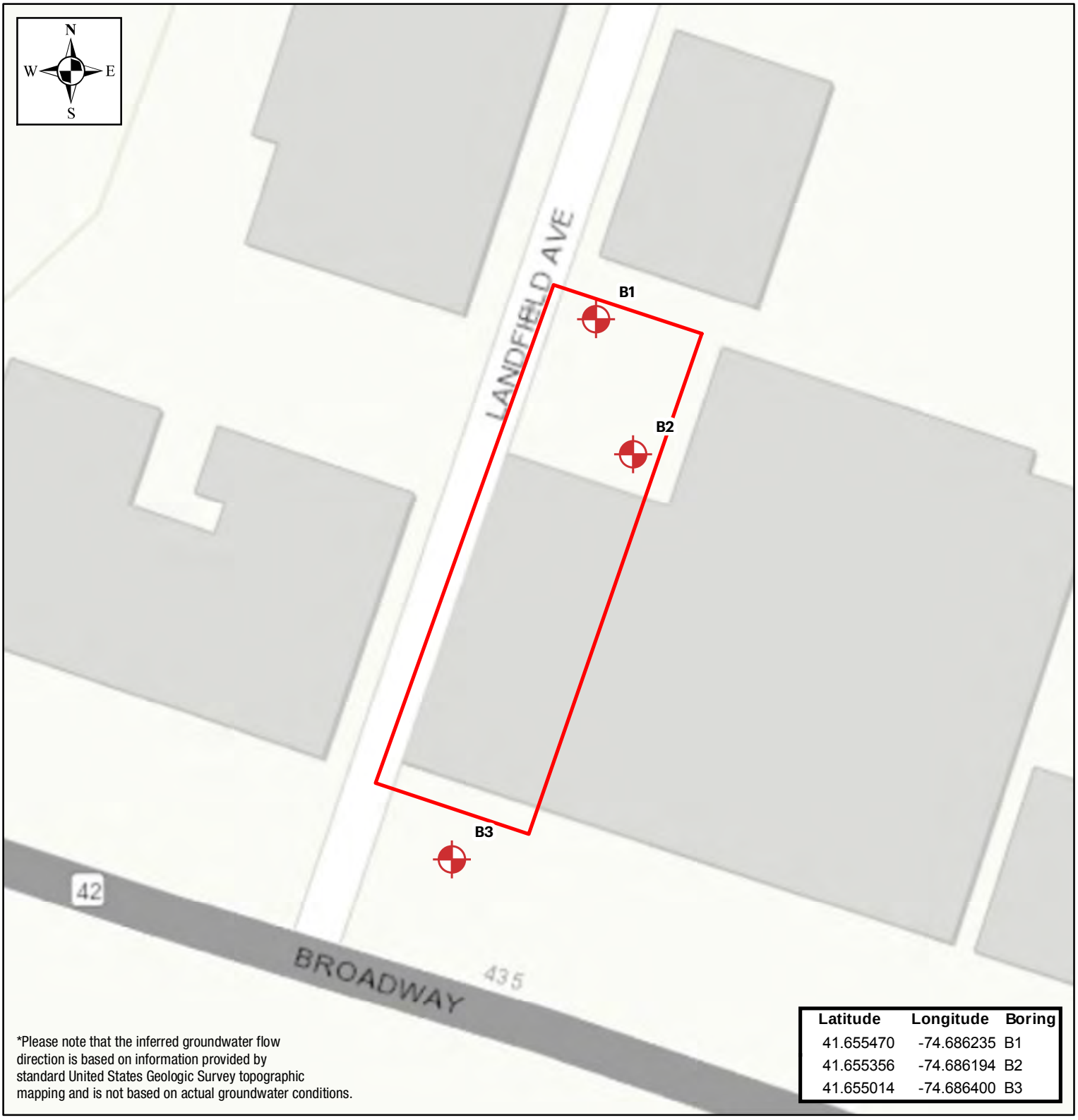
Tectonic

Date: 6/16/2021
Project #: 9294.01
Location: Monticello, New York 12701

PO Box 37, 70 Pleasant Hill Rd.
Mountainville, New York 10953
Phone: (845) 534-5959

Figure: 2

Document Path: G:\Mountainville\Environmental\9294 Sullivan County Brownfields Consultant\03-GIS



*Please note that the inferred groundwater flow direction is based on information provided by standard United States Geologic Survey topographic mapping and is not based on actual groundwater conditions.

Latitude	Longitude	Boring
41.655470	-74.686235	B1
41.655356	-74.686194	B2
41.655014	-74.686400	B3

Legend

1:500

Subject Property (Strong Building)

Approximate Boring Locations

0 25 50 100 Feet

Strong Building
430 Broadway
Monticello, NY 12701

Approximate Boring Locations

Tectonic

Date: 6/21/2021
Project #: 9294.01
Location: Monticello, New York 12701

PO Box 37, 70 Pleasant Hill Rd.
Mountainville, New York 10953
Phone: (845) 534-5959

Figure: 3

Document Path: G:\Mountainville\Environmental\9294 Sullivan County Brownfields Consultant\03-GIS

Table 2. Summary of Laboratory Detected Volatile Organoc Compounds (VOCs)
Strong Building
430 Broadway
Monticello, NY

SAMPLE ID:	Part 375 / CP-51 *Unrestricted Use*	Part 375 / CP-51 Residential Use	Part 375 / CP-51 Restricted Residential Use	Part 375 / CP-51 Commercial Use	Part 375 / CP-51 Industrial Use	Part 375 / CP-51 *Protection of Ecological Resources*	Part 375 / CP-51 Protection of Groundwater	B-1 6 ft	B-1 14 ft	B-2 3 ft	B-2 7 ft	B-3 4 ft	B-3 8 ft	B-3 12 ft
LAB ID:								21D1312-04	21D1312-06	21D1312-08	21D1312-10	21D1312-12	21D1312-14	21D1312-16
COLLECTION DATE:								4/28/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021
SAMPLE MATRIX:								Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE UNITS:	*ppm*	ppm	ppm	ppm	ppm	*ppm*	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Volatile Organic Compounds (VOCs)														
1,2,4-Trimethylbenzene	3.6	NS	NS	NS	NS	NS	10	0.280 J	ND	ND	ND	ND	ND	ND
Acetone	0.05	100	100	500	1,000	2.2	0.05	ND	0.011 ICV-E	ND	0.0068 ICV-E, J	ND	ND	0.0045 ICV-E, J
Methylene Chloride	0.05	51	100	500	1,000	12	0.05	*0.480 J*	ND	ND	0.011 J	0.0075 J	0.0086 J	0.0056 J
Tetrachloroethene	1.3	5.5	19	150	300	2	1.3	ND	ND	0.020 CCV-E	ND	ND	ND	ND

Qualifiers:
ND - Not Detected
NS - No Standard
J - Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E - The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICV-E The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

Notes:
Analytes that exceed Unrestricted Use guidance concentrations set forth in 6 NYCRR Part 375 / CP-51 are bolded and italicized.

Table 3: Summary of Laboratory Detected Compounds in Sediment Samples
Strong Building
430 Broadway
Monticello, NY

SAMPLE ID:	Part 375 / CP-51	Part 375 / CP-51	Part 375 / CP-51	Part 375 / CP-51	Part 375 / CP-51	Part 375 / CP-51	Part 375 / CP-51	B-1 0-7 ft	B-1 7-14 ft	B-2 0-3.5 ft	B-2 3.5-7 ft	B-3 0-4.5 ft	B-3 4.5-9 ft	B-3 9-14 ft
LAB ID:	*Unrestricted Use*	Residential Use	Restricted Residential Use	Commercial Use	Industrial Use	*Protection of Ecological Resources*	Protection of Groundwater	21D1312-03	21D1312-05	21D1312-07	21D1312-09	21D1312-11	21D1312-13	21D1312-15
COLLECTION DATE:								4/28/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021	4/28/2021
SAMPLE MATRIX:								Soil	Soil	Soil	Soil	Soil	Soil	Soil
SAMPLE UNITS:	*ppm*	ppm	ppm	ppm	ppm	*ppm*	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Metals														
Aluminum	NS	NS	NS	NS	NS	10,000	NS	8,570	7,310	5,690	9,660	7,860	9,370	9,110
Arsenic	13	16	16	16	16	13	16	4.12	2.74	9.20	3.78	3.17	2.38	2.86
Barium	350	400	400	400	10,000	433	820	131.0	40.0	172.0	72.0	52.4	49.5	54.1
Beryllium	7.2	14	72	590	2,700	10	47	0.284	0.230	0.229	0.296	0.119	0.204	0.176
Cadmium	2.5	2.5	4.3	9.3	60	4	7.5	ND	ND	0.426	ND	ND	ND	ND
Calcium	NS	NS	NS	NS	NS	10,000	NS	2,940	718	2,550	1,480	763	591	715
Chromium, total	NS	NS	NS	NS	NS	NS	NS	12.9	13.6	9.89	10.4	7.2	9.96	9.40
Cobalt	NS	30	NS	NS	NS	20	NS	9.70	12.6	6.36	6.88	4.61	7.82	8.23
Copper	50	270	270	270	10,000	50	1,720	*51.1*	6.21	48.7	15.7	9.2	6.64	10.8
Iron	NS	2,000	NS	NS	NS	NS	NS	16,900	23,200	12,100	17,100	12,800	17,900	18,700
Lead	63	400	400	1,000	3,900	63	450	*110.0*	9.81	*252.0*	48.7	*89.7*	23.5	41.6
Magnesium	NS	NS	NS	NS	NS	NS	NS	2,940	3,610	1,570	2,360	1,480	2,450	2,700
Manganese	1,600	2,000	2,000	10,000	10,000	1,600	2,000	437	285	287	278	239	306	487
Mercury	0.18	0.81	0.81	2.8	5.7	0.18	0.73	*0.648*	ND	*0.284*	0.107	*0.365*	0.0692	0.0839
Nickel	30	140	310	310	10,000	30	130	21.2	24.8	13.3	13.8	8.17	14.0	14.5
Potassium	NS	NS	NS	NS	NS	NS	NS	1,210	1,520	870	860	752	1,160	1,270
Sodium	NS	NS	NS	NS	NS	NS	NS	64.3	53.4	169	66.9	300	316	337
Vanadium	NS	100	NS	NS	NS	39	NS	12.1	9.89	14.0	11.5	10.0	11.2	10.8
Zinc	109	2,200	10,000	10,000	10,000	109	2,480	*148*	52.9	*231*	*146*	52.9	63.8	47.4
Semivolatile Organic Compounds (SVOCs)														
2-Methylnaphthalene	7	14	59	350	1,000	NS	210	0.257 J	0.122	ND	ND	ND	ND	ND
Acenaphthene	20	100	100	500	1,000	20	98	0.712	0.0785 J	0.190	ND	ND	ND	ND
Acenaphthylene	100	100	100	500	1,000	NS	107	0.257 J	ND	ND	ND	ND	ND	ND
Anthracene	100	100	100	500	1,000	NS	1,000	2.170	0.0764 J	0.366	ND	ND	ND	ND
Benzo(a)anthracene	1	1	1	5.6	11	NS	1	5.540	ND	0.886	0.0831 J	ND	ND	ND
Benzo(a)pyrene	1	1	1	1	1.1	2.6	22	*4.840*	ND	0.985	0.0898 J	ND	ND	ND
Benzo(b)fluoranthene	1	1	1	5.6	11	NS	2	4.360	ND	0.783	0.0794 J	ND	ND	ND
Benzo(g,h,i)perylene	100	100	100	500	1,000	NS	1,000	2.930	ND	0.858	0.0594 J	ND	ND	ND
Benzo(k)fluoranthene	0.8	1	3.9	56	110	NS	1.7	4.130	ND	0.714	0.0720 J	ND	ND	ND
Carbazole	7	14	59	350	1,000	NS	210	0.752	ND	0.158	ND	ND	ND	ND
Chrysene	1	1	3.9	56	110	NS	1	5.370	ND	0.911	0.0854 J	ND	ND	ND
Dibenzo(a,h)anthracene	0.33	0.33	0.33	0.56	1.1	NS	1,000	0.716	ND	0.288	ND	ND	ND	ND
Dibenzofuran	7	14	59	350	1,000	NS	210	ND	ND	0.0814 J	ND	ND	ND	ND
Fluoranthene	100	100	100	500	1,000	NS	1,000	11.100	ND	1.950	0.163	ND	ND	ND
Fluorene	30	100	100	500	1,000	30	386	0.958	0.187	0.166	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	5.6	11	NS	8.2	3.180	ND	0.678	0.0572 J	ND	ND	ND
Naphthalene	12	100	100	500	1,000	NS	12	0.261 J	ND	0.0814 J	ND	ND	ND	ND
Phenanthrene	100	100	100	500	1,000	NS	1,000	8.260	0.278	1.420	0.0995	ND	ND	ND
Polychlorinated Biphenyls (PCBs)														
Aroclor-1248	NS	NS	NS	NS	NS	NS	NS	0.0367	0.0510	ND	ND	ND	ND	ND
Total PCBs	0.1	1	1	1	25	1	3.2	0.0367	0.0510	ND	ND	ND	ND	ND

Qualifiers:
ND - Not Detected
NS - No Standard
J - Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Notes:
Analytes that exceed Unrestricted Use guidance concentrations set forth in 6 NYCRR Part 375 / CP-51 are bolded and italicized.
Analytes that exceed Residential Use guidance concentrations set forth in 6 NYCRR Part 375 / CP-51 are bolded and highlighted in green.
Analytes that exceed Restricted Residential Use guidance concentrations set forth in 6 NYCRR Part 375 / CP-51 are bolded and highlighted in yellow.
Analytes that exceed Commercial Use guidance concentrations set forth in 6 NYCRR Part 375 / CP-51 are bolded and highlighted in orange.
Analytes that exceed Industrial Use guidance concentrations set forth in 6 NYCRR Part 375 / CP-51 are bolded and highlighted in red.
Analytes that exceed Protection of Ecological Resources guidance concentrations set forth in 6 NYCRR Part 375 / CP-51 are italicized.
Analytes that exceed Protection of Groundwater guidance concentrations set forth in 6 NYCRR Part 375 / CP-51 are bolded.

Tectonic

PROJECT No. **9294**

PROJECT: **Strong Building**

LOCATION: **430 Broadway, Monticello, NY**

BORING No. B-1

SHEET No. 1 of 1

CLIENT: **Sullivan County**

CONTRACTOR: **Core Down Drilling LLC**

METHOD OF ADVANCING BORING	DIA.	DEPTH
POWER AUGER:		TO
ROT. DRILL:		TO
GEOPROBE:	2	0 TO 14'
DIAMOND		TO

CORE: Geoprobe 7822DT

GROUND WATER	DATE	TIME	DEPTH
	NE	NE	NE

MON. WELL ☐ YES ☒ NO

SCREEN DEPTH: --- TO ---

WEATHER: **Clear** TEMP: **75° F**

DEPTH TO ROCK: **~14' bgs'**

*CHANGES IN STRATA ARE INFERRED

INSPECTOR: **Dina Peoples**

DRILLER: **Bill Johnson**

SURFACE ELEVATION: **~1527' AMSL**

DATUM: **USGS Topographic**

DATE START: **4/28/21**

DATE FINISH: **4/28/21**

UNCONFINED COMPRESS. STRENGTH (TONS/FT) ● 1 2 3 4 5

PLASTIC LIMIT % × — WATER CONTENT % ⊗ — LIQUID LIMIT % △ 10 20 30 40 50

STANDARD PENETRATION (BLOWS/FT.) ● 10 20 30 40 50

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BL/6 IN.)	SAMPLES: SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	LITHOLOGY*
1–5				42		M	SM	0-3" Asphalt Bwn c-f SAND, little Silt, little c-f Gravel, (FILL: brick, concrete), (PID=0.0ppm)	
6–10				38		M	SM	Rd bwn c-f SAND, some Silt, little c-f Gravel, (PID=116.3ppm)	
11–14				46		M	SM	13-14' Rd bwn c-f SAND, some Silt, some c-f Gravel, (PID=0.8ppm)	
15								End of Boring at 14'	

REMARKS: VOC grab sample collected at ~6' and ~14'
GPS waypoint 41.6554709, -74.6862368

BORING LOG 9294.01 B-1.GPJ TECTONIC ENG.GDT 5/10/21

Tectonic

PROJECT No. **9294**

PROJECT: **Strong Building**

LOCATION: **430 Broadway, Monticello, NY**

BORING No. B-2

SHEET No. 1 of 1

CLIENT: **Sullivan County**

CONTRACTOR: **Core Down Drilling LLC**

METHOD OF ADVANCING BORING	DIA.	DEPTH
POWER AUGER:		TO
ROT. DRILL:		TO
GEOPROBE:	**2**	**0** TO **7'**
DIAMOND		TO

CORE: Geoprobe 7822DT

GROUND WATER	DATE	TIME	DEPTH
	NE	**NE**	**NE**

MON. WELL ☐ YES ☒ NO

SCREEN DEPTH: **---** TO **---**

WEATHER: **Clear** TEMP: **75° F**

DEPTH TO ROCK: **~7"**

*CHANGES IN STRATA ARE INFERRED

INSPECTOR: **Dina Peoples**

DRILLER: **Bill Johnson**

SURFACE ELEVATION: **~1527 AMSL**

DATUM: **USGS tTopographic**

DATE START: **4/28/21**

DATE FINISH: **4/28/21**

UNCONFINED COMPRESS. STRENGTH (TONS/FT) ◓ 1 2 3 4 5

PLASTIC LIMIT % × WATER CONTENT % ⊗ LIQUID LIMIT % △ 10 20 30 40 50

STANDARD PENETRATION (BLOWS/FT.) ● 10 20 30 40 50

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BL/6 IN.)	SAMPLES: SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	LITHOLOGY*
1–5				30		M	SM	0-3" Asphalt 3-6" Gry c-f SAND, some c-f Gravel, some Silt, (FILL: subbase gravel), (PID=0.0ppm) 6-11" Blk to bwn c-f SAND, little Silt, (PID=0.0ppmLgt th c-f SAND) 11-13" Lgt th c-f SAND, little Silt, (PID=0.0ppm)13-28" Blk c-f SAND, little Silt, little f Gravel, (coal/ashes), (PID=0.0ppm) +28" Rd bwn c-f SAND, some Silt, little c-f Gravel, (PID=0.0ppm)	
6–7				14		M	SM	Rd bwn c-f SAND, some Silt, little c-f Gravel, (PID=0.0ppm)	
8–25								End of Boring at 7'	

REMARKS: VOC grab sample collected at ~3' and ~7'
GPS Waypoint 41.6553329, -74.6862163

BORING LOG 9294.01 B-2.GPJ TECTONIC ENG.GDT 5/10/21

Tectonic

PROJECT No. **9294**

PROJECT: **Strong Building**

LOCATION: **430 Broadway, Monticello, NY**

BORING No. B-3

SHEET No. 1 of 1

CLIENT: **Sullivan County**

CONTRACTOR: **Core Down Drilling LLC**

METHOD OF ADVANCING BORING	DIA.	DEPTH
POWER AUGER:		TO
ROT. DRILL:		TO
CASING:	**2**	**0** TO **9'**
DIAMOND CORE:		TO

Geoprobe 7822DT

GROUND WATER	DATE	TIME	DEPTH
	NE	**NE**	**NE**

MON. WELL ☐ YES ☒ NO

SCREEN DEPTH: **---** TO **---**

WEATHER: **Clear** TEMP: **75° F**

DEPTH TO ROCK: **~9' bgs'**

*CHANGES IN STRATA ARE INFERRED

INSPECTOR: **Dina Peoples**

DRILLER: **Bill Johnson**

SURFACE ELEVATION: **~1527' AMSL**

DATUM: **USGS Topographic**

DATE START: **4/28/21**

DATE FINISH: **4/28/21**

UNCONFINED COMPRESS. STRENGTH (TONS/FT) ● 1 2 3 4 5

PLASTIC LIMIT % × — WATER CONTENT % ⊗ — LIQUID LIMIT % △ 10 20 30 40 50

STANDARD PENETRATION (BLOWS/FT.) ● 10 20 30 40 50

DEPTH (FT.)	N OR MIN./FT.	PENETRATION RESISTANCE (BL/6 IN.)	SAMPLES: SAMPLE NUMBER	RECOV. LENGTH (IN.)	RECOV. RQD (%)	MOISTURE	UNIFIED SOIL CLASS.	DESCRIPTION OF MATERIAL	LITHOLOGY*
1–5				44		M	SM	Bwn c-f SAND, little Silt, little c-f Gravel, (organics), (PID=0.0ppm)	
6–9				38		M	SM	Rd bwn c-f SAND, some Silt, little c-f Gravel, (PID=0.0ppm)	
10								End of Boring at 9'	

DEPTH (FT.)

REMARKS: VOC grab sample collected at ~4' and ~8'
Duplicate obtained at B-3 4.5-9' with VOC grab sample collected at ~8'. Duplicate obtained at B-3 9-14' with VOC grab sample collected at B-3 12'. GPS Waypoint 41.6550177, -74.6864450

BORING LOG 9294.01 B-3.GPJ TECTONIC ENG.GDT 5/10/21

Technical Report

prepared for:

Tectonic
70 Pleasant Hill Road
Mountainville NY, 10953
Attention: Christopher Callinan

Report Date: 05/05/2021
Client Project ID: 9684.01 Strong Building
York Project (SDG) No.: 21D1312

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 STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 05/05/2021
Client Project ID: 9684.01 Strong Building
York Project (SDG) No.: 21D1312

Tectonic
70 Pleasant Hill Road
Mountainville NY, 10953
Attention: Christopher Callinan

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 April 28, 2021 and listed below. The project was identified as your project: **9684.01 Strong Building**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
21D1312-01	FB	Water	04/28/2021	04/28/2021
21D1312-02	TB	Water	04/28/2021	04/28/2021
21D1312-03	B-1 0-7 ft	Soil	04/28/2021	04/28/2021
21D1312-04	B-1 6 ft	Soil	04/28/2021	04/28/2021
21D1312-05	B-1 7-14 ft	Soil	04/28/2021	04/28/2021
21D1312-06	B-1 14 ft	Soil	04/28/2021	04/28/2021
21D1312-07	B-2 0-3.5 ft	Soil	04/28/2021	04/28/2021
21D1312-08	B-2 3 ft	Soil	04/28/2021	04/28/2021
21D1312-09	B-2 3.5-7 ft	Soil	04/28/2021	04/28/2021
21D1312-10	B-2 7 ft	Soil	04/28/2021	04/28/2021
21D1312-11	B-3 0-4.5 ft	Soil	04/28/2021	04/28/2021
21D1312-12	B-3 4 ft	Soil	04/28/2021	04/28/2021
21D1312-13	B-3 4.5-9 ft	Soil	04/28/2021	04/28/2021
21D1312-14	B-3 8 ft	Soil	04/28/2021	04/28/2021
21D1312-15	B-3 9-14 ft	Soil	04/28/2021	04/28/2021
21D1312-16	B-3 12 ft	Soil	04/28/2021	04/28/2021

General Notes for York Project (SDG) No.: 21D1312

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: 05/05/2021

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: FB

York Sample ID: 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

VOA, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD

Sample Information

Client Sample ID: **FB** **York Sample ID:** **21D1312-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

VOA, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	**Acetone**	**1.59**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: FB

York Sample ID: 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

VOA, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/29/2021 14:35	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/29/2021 14:35	PD
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 14:35	PD

Sample Information

Client Sample ID: FB **York Sample ID:** 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

VOA, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 14:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.2 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 NELAC-NY10854,NJDEP,PADEP	CD
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 NELAC-NY10854,NJDEP,PADEP	CD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 NELAC-NY10854,PADEP	CD
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 NELAC-NY10854,NJDEP,PADEP	CD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 NELAC-NY10854,PADEP	CD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 NELAC-NY10854,PADEP	CD
90-12-0	* 1-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00	CD
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 NELAC-NY10854,NJDEP,PADEP	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD

Sample Information

Client Sample ID: FB

York Sample ID: 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
100-02-7	4-Nitrophenol	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
98-55-5	* Alpha Terpineol	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications:	05/03/2021 13:49 PADEP	05/04/2021 12:00	CD
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD
92-87-5	Benzidine	ND		ug/L	5.13	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:00	CD

Sample Information

Client Sample ID: FB

York Sample ID: 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
1319-77-3	Cresols, total	ND		ug/L	10.3	15.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854	05/03/2021 13:49	05/04/2021 12:00	CD
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
122-39-4	Diphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
82-68-8	* Pentachloronitrobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00	CD
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD
2312-35-8	* Propargite	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00	CD
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 12:00	CD

Sample Information

Client Sample ID: FB

York Sample ID: 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
6025-45-2	* Resorcinol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	05/03/2021 13:49	05/04/2021 12:00	CD
56-38-2	* Parathion	ND		ug/L	1.79	1.79	1	EPA 8270D Certifications: NJDEP	05/03/2021 13:49	05/04/2021 12:00	CD

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.1 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*16.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.8 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2021 13:49	05/04/2021 13:27	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2021 13:49	05/04/2021 13:27	CD
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
86-73-7	**Fluorene**	**0.226**		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD

Sample Information

Client Sample ID: FB

York Sample ID: 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2021 13:49	05/04/2021 13:27	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2021 13:49	05/04/2021 13:27	CD
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2021 13:49	05/04/2021 13:27	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2021 13:49	05/04/2021 13:27	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2021 13:49	05/04/2021 13:27	CD
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/03/2021 13:49	05/04/2021 13:27	CD
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 13:49	05/04/2021 13:27	CD

PCB, 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:24	05/05/2021 06:51	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:24	05/05/2021 06:51	BJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:24	05/05/2021 06:51	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:24	05/05/2021 06:51	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:24	05/05/2021 06:51	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:24	05/05/2021 06:51	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:24	05/05/2021 06:51	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/04/2021 07:24	05/05/2021 06:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Sample Information

Client Sample ID: FB

York Sample ID: 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:43	04/30/2021 16:37	WJM

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:47	05/03/2021 15:45	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:47	05/03/2021 15:45	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:47	05/03/2021 15:45	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 09:47	05/03/2021 15:45	BML

Sample Information

Client Sample ID: FB **York Sample ID:** 21D1312-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 9:00 am	04/28/2021

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	04/29/2021 09:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 15:45	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	04/29/2021 09:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/03/2021 15:45	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications:	04/30/2021 00:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 00:23	AA

Sample Information

Client Sample ID: TB **York Sample ID:** 21D1312-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 12:00 am	04/28/2021

VOA, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD

Sample Information

Client Sample ID: TB

York Sample ID: 21D1312-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 12:00 am	04/28/2021

VOA, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	PD

Sample Information

Client Sample ID: TB

York Sample ID: 21D1312-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 12:00 am	04/28/2021

VOA, 8260 Low Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
75-09-2	**Methylene chloride**	**2.00**		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/29/2021 13:42	PD
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/29/2021 13:42	PD

Sample Information

Client Sample ID: TB **York Sample ID:** 21D1312-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Water	April 28, 2021 12:00 am	04/28/2021

VOA, 8260 Low Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-05-5	* p-Diethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42	PD
622-96-8	* p-Ethyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00	04/29/2021 13:42	PD
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	04/29/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/29/2021 13:42	PD
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	04/29/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/29/2021 13:42	PD

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*79-122*

Sample Information

Client Sample ID: B-1 0-7 ft **York Sample ID:** 21D1312-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

Sample Information

Client Sample ID: **B-1 0-7 ft** **York Sample ID:** **21D1312-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	459	917	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	459	917	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	459	917	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
91-57-6	**2-Methylnaphthalene**	**257**	J	ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	459	917	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	230	459	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 11:56	KH

Sample Information

Client Sample ID: B-1 0-7 ft

York Sample ID: 21D1312-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	459	917	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	459	917	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	459	917	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	459	917	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**712**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**257**	J	ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	919	1840	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**2170**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	919	1840	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**5540**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**4840**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**4360**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**2930**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**4130**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-1 0-7 ft

York Sample ID: 21D1312-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
105-60-2	Caprolactam	ND		ug/kg dry	459	917	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH NELAC-NY10854,NJDEP,PADEP
86-74-8	**Carbazole**	**752**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
218-01-9	**Chrysene**	**5370**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
53-70-3	**Dibenzo(a,h)anthracene**	**716**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
132-64-9	Dibenzofuran	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-66-2	Diethyl phthalate	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
131-11-3	Dimethyl phthalate	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
206-44-0	**Fluoranthene**	**11100**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
86-73-7	**Fluorene**	**958**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH NELAC-NY10854,NJDEP,PADEP
118-74-1	Hexachlorobenzene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
67-72-1	Hexachloroethane	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
193-39-5	**Indeno(1,2,3-cd)pyrene**	**3180**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
78-59-1	Isophorone	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	**Naphthalene**	**261**	J	ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 11:56	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: B-1 0-7 ft

York Sample ID: 21D1312-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 11:56	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 11:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 11:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 11:56	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 11:56	KH
85-01-8	**Phenanthrene**	**8260**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 11:56	KH
108-95-2	Phenol	ND		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 11:56	KH
129-00-0	**Pyrene**	**8760**		ug/kg dry	230	459	10	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 11:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*43.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*48.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*48.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.8 %*	*24-116*

PCB, 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 00:44	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 00:44	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 00:44	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 00:44	BJ
12672-29-6	**Aroclor 1248**	**0.0367**		mg/kg dry	0.0183	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 00:44	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 00:44	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 00:44	BJ

Sample Information

Client Sample ID: **B-1 0-7 ft** **York Sample ID:** **21D1312-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

PCB, 8082 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
1336-36-3	*** Total PCBs**	**0.0367**		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:44	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*	*30-120*

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**	**8570**		mg/kg dry	5.60	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.80	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.12**		mg/kg dry	1.68	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**131**		mg/kg dry	2.80	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.284**		mg/kg dry	0.056	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.336	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2940**		mg/kg dry	5.60	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.560	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.70**		mg/kg dry	0.448	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**51.1**		mg/kg dry	2.24	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16900**		mg/kg dry	28.0	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**110**		mg/kg dry	0.560	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2940**		mg/kg dry	5.60	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**437**		mg/kg dry	0.560	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**21.2**		mg/kg dry	1.12	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1210**		mg/kg dry	5.60	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:45	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-1 0-7 ft **York Sample ID:** 21D1312-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

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
7782-49-2	Selenium	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:45	WJM
7440-22-4	Silver	ND		mg/kg dry	0.560	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:45	WJM
7440-23-5	**Sodium**	**64.3**		mg/kg dry	56.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:45	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:45	WJM
7440-62-2	**Vanadium**	**12.1**		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:45	WJM
7440-66-6	**Zinc**	**148**		mg/kg dry	2.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:45	WJM

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**	**0.648**		mg/kg dry	0.0336	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	04/29/2021 08:33	04/29/2021 14:54	AD

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**	**89.3**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2021 08:08	04/30/2021 15:34	SK

Sample Information

Client Sample ID: B-1 6 ft **York Sample ID:** 21D1312-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 12:24	YG

Sample Information

Client Sample ID: **B-1 6 ft** **York Sample ID:** **21D1312-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	**1,2,4-Trimethylbenzene**	**280**	J	ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	4800	9700	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	480	970	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: B-1 6 ft

York Sample ID: 21D1312-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	480	970	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
71-43-2	Benzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
75-25-2	Bromoform	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
74-83-9	Bromomethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
75-00-3	Chloroethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
67-66-3	Chloroform	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
74-87-3	Chloromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
110-82-7	Cyclohexane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
74-95-3	Dibromomethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG
79-20-9	Methyl acetate	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:24	YG

Sample Information

Client Sample ID: B-1 6 ft

York Sample ID: 21D1312-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	**Methylene chloride**	**480**	J	ug/kg dry	480	970	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	480	970	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	240	2400	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	Tetrachloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	240	480	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	720	1400	100	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:24 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Sample Information

Client Sample ID: B-1 6 ft **York Sample ID:** 21D1312-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:15 am	04/28/2021

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**	**93.2**		%	0.100	1	SM 2540G	04/30/2021 08:08	04/30/2021 15:34	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-1 7-14 ft **York Sample ID:** 21D1312-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

SVOA, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.7	175	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: NELAC-NY10854,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: NELAC-NY10854,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 12:27	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-1 7-14 ft** **York Sample ID:** **21D1312-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
91-57-6	**2-Methylnaphthalene**	**122**		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
83-32-9	**Acenaphthene**	**78.5**	J	ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
62-53-3	Aniline	ND		ug/kg dry	176	351	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
120-12-7	**Anthracene**	**76.4**	J	ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH

Sample Information

Client Sample ID: B-1 7-14 ft

York Sample ID: 21D1312-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
92-87-5	Benzidine	ND		ug/kg dry	176	351	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,PADEP	05/04/2021 12:27	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
65-85-0	Benzoic acid	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
105-60-2	Caprolactam	ND		ug/kg dry	87.7	175	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
86-74-8	Carbazole	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
218-01-9	Chrysene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH

Sample Information

Client Sample ID: **B-1 7-14 ft** **York Sample ID:** **21D1312-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
86-73-7	**Fluorene**	**187**		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
78-59-1	Isophorone	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
85-01-8	**Phenanthrene**	**278**		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
108-95-2	Phenol	ND		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH
129-00-0	**Pyrene**	**128**		ug/kg dry	43.9	87.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 12:27	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*37.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*36.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*46.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*37.3 %*	*24-116*

PCB, 8082 List

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: **B-1 7-14 ft** **York Sample ID:** **21D1312-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:58	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:58	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:58	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:58	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	**Aroclor 1248**	**0.0510**		mg/kg dry	0.0177	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:58	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:58	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0177	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:58	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	*** Total PCBs**	**0.0510**		mg/kg dry	0.0177	1	EPA 8082A	05/04/2021 07:05	05/05/2021 00:58	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*	*30-120*

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**	**7310**		mg/kg dry	5.33	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.66	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.74**		mg/kg dry	1.60	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**40.0**		mg/kg dry	2.66	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.230**		mg/kg dry	0.053	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.320	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**718**		mg/kg dry	5.33	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**13.6**		mg/kg dry	0.533	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**12.6**		mg/kg dry	0.426	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**6.21**		mg/kg dry	2.13	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-1 7-14 ft** **York Sample ID:** **21D1312-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

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	**Iron**	**23200**		mg/kg dry	26.6	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**9.81**		mg/kg dry	0.533	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3610**		mg/kg dry	5.33	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**285**		mg/kg dry	0.533	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**24.8**		mg/kg dry	1.07	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1520**		mg/kg dry	5.33	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.66	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.533	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**53.4**		mg/kg dry	53.3	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.66	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**9.89**		mg/kg dry	1.07	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**52.9**		mg/kg dry	2.66	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:48	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	ND		mg/kg dry	0.0320	1	EPA 7473	04/29/2021 08:33	04/29/2021 15:08	AD
							Certifications: CTDOH,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**	**93.9**		%	0.100	1	SM 2540G	04/30/2021 08:08	04/30/2021 15:34	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: **B-1 14 ft** **York Sample ID:** **21D1312-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 12:50 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: **B-1 14 ft** **York Sample ID:** **21D1312-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**11**	ICV-E	ug/kg dry	5.1	10	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	5.1	10	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 12:50	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: B-1 14 ft

York Sample ID: 21D1312-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
75-09-2	**Methylene chloride**	**13**		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:50	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 12:50	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	25	1	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 12:50	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 12:50	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.4 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.2 %*	*85-120*

Sample Information

Client Sample ID: B-1 14 ft **York Sample ID:** 21D1312-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 9:30 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.3 %*			*76-130*						

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**	**92.8**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2021 08:08	04/30/2021 15:34	SK

Sample Information

Client Sample ID: B-2 0-3.5 ft **York Sample ID:** 21D1312-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD

Sample Information

Client Sample ID: B-2 0-3.5 ft

York Sample ID: 21D1312-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
95-48-7	2-Methylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
88-74-4	2-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
83-32-9	**Acenaphthene**	**190**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
208-96-8	Acenaphthylene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
98-86-2	Acetophenone	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD

Sample Information

Client Sample ID: **B-2 0-3.5 ft** **York Sample ID:** **21D1312-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	192	385	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
120-12-7	**Anthracene**	**366**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
1912-24-9	Atrazine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
100-52-7	Benzaldehyde	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
92-87-5	Benzidine	ND		ug/kg dry	192	385	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
56-55-3	**Benzo(a)anthracene**	**886**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
50-32-8	**Benzo(a)pyrene**	**985**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
205-99-2	**Benzo(b)fluoranthene**	**783**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
191-24-2	**Benzo(g,h,i)perylene**	**858**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
207-08-9	**Benzo(k)fluoranthene**	**714**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
65-85-0	Benzoic acid	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
105-60-2	Caprolactam	ND		ug/kg dry	96.0	192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
86-74-8	**Carbazole**	**158**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
218-01-9	**Chrysene**	**911**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
53-70-3	**Dibenzo(a,h)anthracene**	**288**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
132-64-9	**Dibenzofuran**	**81.4**	J	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 21:44	CD

Sample Information

Client Sample ID: B-2 0-3.5 ft

York Sample ID: 21D1312-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
206-44-0	**Fluoranthene**	**1950**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
86-73-7	**Fluorene**	**166**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
67-72-1	Hexachloroethane	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**678**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
78-59-1	Isophorone	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
91-20-3	**Naphthalene**	**81.4**	J	ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
98-95-3	Nitrobenzene	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
85-01-8	**Phenanthrene**	**1420**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
108-95-2	Phenol	ND		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD
129-00-0	**Pyrene**	**1600**		ug/kg dry	48.1	96.0	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 21:44	CD

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*45.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*47.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.6 %*	*21-113*

Sample Information

Client Sample ID: B-2 0-3.5 ft **York Sample ID:** 21D1312-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.5 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.8 %*			*24-116*						

PCB, 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 01:25	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 01:25	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 01:25	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 01:25	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 01:25	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 01:25	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 01:25	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications:	05/04/2021 07:05	05/05/2021 01:25	BJ

Surrogate Recoveries	Result	Acceptance Range
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*66.0 %*	*30-120*
2051-24-3 *Surrogate: Decachlorobiphenyl*	*51.5 %*	*30-120*

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**	**5690**		mg/kg dry	5.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:58	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:58	WJM
7440-38-2	**Arsenic**	**9.20**		mg/kg dry	1.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:58	WJM
7440-39-3	**Barium**	**172**		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:58	WJM
7440-41-7	**Beryllium**	**0.229**		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 15:58	WJM

Sample Information

Client Sample ID: **B-2 0-3.5 ft** **York Sample ID:** **21D1312-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

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
7440-43-9	**Cadmium**	**0.426**		mg/kg dry	0.349	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2550**		mg/kg dry	5.81	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**9.89**		mg/kg dry	0.581	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.36**		mg/kg dry	0.465	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**48.7**		mg/kg dry	2.33	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**12100**		mg/kg dry	29.1	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**252**		mg/kg dry	0.581	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1570**		mg/kg dry	5.81	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**287**		mg/kg dry	0.581	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.3**		mg/kg dry	1.16	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**870**		mg/kg dry	5.81	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.581	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**169**		mg/kg dry	58.1	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.0**		mg/kg dry	1.16	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**231**		mg/kg dry	2.91	1	EPA 6010D	04/29/2021 16:48	05/04/2021 15:58	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.284**		mg/kg dry	0.0349	1	EPA 7473	04/29/2021 20:27	04/30/2021 10:15	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: B-2 0-3.5 ft **York Sample ID:** 21D1312-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

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**	**86.0**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2021 08:08	04/30/2021 15:34	SK

Sample Information

Client Sample ID: B-2 3 ft **York Sample ID:** 21D1312-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 13:17	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 09:00	04/30/2021 13:17	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 09:00	04/30/2021 13:17	YG

Sample Information

Client Sample ID: B-2 3 ft

York Sample ID: 21D1312-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	72	140	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	Acetone	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: **B-2 3 ft** **York Sample ID:** **21D1312-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	Methylene chloride	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.2	14	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.6	36	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	**Tetrachloroethylene**	**20**	CCV-E	ug/kg dry	3.6	7.2	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: B-2 3 ft **York Sample ID:** 21D1312-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:00 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	21	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:17	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.0 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

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**	**85.7**		%	0.100	1	SM 2540G	04/30/2021 08:08	04/30/2021 15:34	SK
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-2 3.5-7 ft **York Sample ID:** 21D1312-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.5	92.9	2	EPA 8270D	04/30/2021 20:01	05/04/2021 22:15	CD
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 3.5-7 ft

York Sample ID: 21D1312-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
95-48-7	2-Methylphenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD

Sample Information

Client Sample ID: B-2 3.5-7 ft

York Sample ID: 21D1312-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
83-32-9	Acenaphthene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
208-96-8	Acenaphthylene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
98-86-2	Acetophenone	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
120-12-7	Anthracene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
1912-24-9	Atrazine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
100-52-7	Benzaldehyde	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
92-87-5	Benzidine	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
56-55-3	**Benzo(a)anthracene**	**83.1**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
50-32-8	**Benzo(a)pyrene**	**89.8**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
205-99-2	**Benzo(b)fluoranthene**	**79.4**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
191-24-2	**Benzo(g,h,i)perylene**	**59.4**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
207-08-9	**Benzo(k)fluoranthene**	**72.0**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
65-85-0	Benzoic acid	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:15	CD

Sample Information

Client Sample ID: **B-2 3.5-7 ft** **York Sample ID:** **21D1312-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
105-60-2	Caprolactam	ND		ug/kg dry	92.9	185	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
86-74-8	Carbazole	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
218-01-9	**Chrysene**	**85.4**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
132-64-9	Dibenzofuran	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
206-44-0	**Fluoranthene**	**163**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
86-73-7	Fluorene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
193-39-5	**Indeno(1,2,3-cd)pyrene**	**57.2**	J	ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
78-59-1	Isophorone	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
91-20-3	Naphthalene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
98-95-3	Nitrobenzene	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD

Sample Information

Client Sample ID: **B-2 3.5-7 ft** **York Sample ID:** **21D1312-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
85-01-8	**Phenanthrene**	**99.5**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
108-95-2	Phenol	ND		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD
129-00-0	**Pyrene**	**143**		ug/kg dry	46.5	92.9	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:15	CD

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.7 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*52.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.1 %*	*24-116*

PCB, 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 01:39	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 01:39	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 01:39	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 01:39	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 01:39	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 01:39	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 01:39	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	05/04/2021 07:05	05/05/2021 01:39	BJ

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: **B-2 3.5-7 ft** **York Sample ID:** **21D1312-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

PCB, 8082 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*	*65.0 %*			*30-120*					
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.5 %*			*30-120*					

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**	**9660**		mg/kg dry	5.70	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.85	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.78**		mg/kg dry	1.71	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**72.0**		mg/kg dry	2.85	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.296**		mg/kg dry	0.057	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1480**		mg/kg dry	5.70	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.4**		mg/kg dry	0.570	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.88**		mg/kg dry	0.456	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**15.7**		mg/kg dry	2.28	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17100**		mg/kg dry	28.5	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**48.7**		mg/kg dry	0.570	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2360**		mg/kg dry	5.70	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**278**		mg/kg dry	0.570	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**13.8**		mg/kg dry	1.14	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**860**		mg/kg dry	5.70	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.570	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-2 3.5-7 ft **York Sample ID:** 21D1312-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

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**	**66.9**		mg/kg dry	57.0	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**11.5**		mg/kg dry	1.14	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**146**		mg/kg dry	2.85	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:01	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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**	**0.107**		mg/kg dry	0.0342	1	EPA 7473	04/29/2021 20:27	04/30/2021 10:22	AD
							Certifications: CTDOH,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**	**87.8**		%	0.100	1	SM 2540G	04/30/2021 08:08	04/30/2021 15:34	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-2 7 ft **York Sample ID:** 21D1312-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: B-2 7 ft

York Sample ID: 21D1312-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	67	130	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	**Acetone**	**6.8**	ICV-E, J	ug/kg dry	6.7	13	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	6.7	13	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: B-2 7 ft

York Sample ID: 21D1312-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-25-2	Bromoform	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 13:43 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: B-2 7 ft

York Sample ID: 21D1312-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	**Methylene chloride**	**11**	J	ug/kg dry	6.7	13	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.7	13	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.4	34	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.4	6.7	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	10	20	1	EPA 8260C	04/30/2021 09:00	04/30/2021 13:43	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.6 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: B-2 7 ft **York Sample ID:** 21D1312-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:10 am	04/28/2021

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	04/30/2021 08:08	04/30/2021 15:34	SK

Sample Information

Client Sample ID: B-3 0-4.5 ft **York Sample ID:** 21D1312-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

SVOA, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 22:47	CD

Sample Information

Client Sample ID: B-3 0-4.5 ft

York Sample ID: 21D1312-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
95-48-7	2-Methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 NELAC-NY10854,NJDEP,PADEP	CD
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
83-32-9	Acenaphthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
208-96-8	Acenaphthylene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
98-86-2	Acetophenone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 NELAC-NY10854,NJDEP,PADEP	CD
62-53-3	Aniline	ND		ug/kg dry	185	370	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 NELAC-NY10854,NJDEP,PADEP	CD
120-12-7	Anthracene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	CD
1912-24-9	Atrazine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 NELAC-NY10854,NJDEP,PADEP	CD
100-52-7	Benzaldehyde	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 22:47 NELAC-NY10854,NJDEP,PADEP	CD

Sample Information

Client Sample ID: B-3 0-4.5 ft

York Sample ID: 21D1312-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		ug/kg dry	185	370	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,PADEP	05/04/2021 22:47	CD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
65-85-0	Benzoic acid	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
105-60-2	Caprolactam	ND		ug/kg dry	92.5	185	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
86-74-8	Carbazole	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
218-01-9	Chrysene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
132-64-9	Dibenzofuran	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
206-44-0	Fluoranthene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD

Sample Information

Client Sample ID: B-3 0-4.5 ft

York Sample ID: 21D1312-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
67-72-1	Hexachloroethane	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
78-59-1	Isophorone	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
91-20-3	Naphthalene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
98-95-3	Nitrobenzene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
85-01-8	Phenanthrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
108-95-2	Phenol	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD
129-00-0	Pyrene	ND		ug/kg dry	46.4	92.5	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 22:47	CD

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*53.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.9 %*	*24-116*

PCB, 8082 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

Sample Information

Client Sample ID: **B-3 0-4.5 ft** **York Sample ID:** **21D1312-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

PCB, 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 01:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 01:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 01:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 01:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 01:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 01:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 01:52	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	05/04/2021 07:05	05/05/2021 01:52	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-120*

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**	**7860**		mg/kg dry	5.62	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.17**		mg/kg dry	1.69	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**52.4**		mg/kg dry	2.81	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.119**		mg/kg dry	0.056	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**763**		mg/kg dry	5.62	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**7.18**		mg/kg dry	0.562	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**4.61**		mg/kg dry	0.450	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: **B-3 0-4.5 ft** **York Sample ID:** **21D1312-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

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
7440-50-8	**Copper**	**9.22**		mg/kg dry	2.25	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12800**		mg/kg dry	28.1	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**89.7**		mg/kg dry	0.562	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1480**		mg/kg dry	5.62	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**239**		mg/kg dry	0.562	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**8.17**		mg/kg dry	1.12	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**752**		mg/kg dry	5.62	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**300**		mg/kg dry	56.2	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**10.0**		mg/kg dry	1.12	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**52.9**		mg/kg dry	2.81	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:03	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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**	**0.365**		mg/kg dry	0.0337	1	EPA 7473	04/29/2021 20:27	04/30/2021 10:31	AD
							Certifications: CTDOH,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**	**89.0**		%	0.100	1	SM 2540G	04/30/2021 08:08	04/30/2021 15:34	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: **B-3 4 ft** **York Sample ID:** **21D1312-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	YG
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: B-3 4 ft

York Sample ID: 21D1312-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:09	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: B-3 4 ft **York Sample ID:** 21D1312-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
75-09-2	**Methylene chloride**	**7.5**	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 14:09	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 14:09	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	26	1	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 14:09	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 14:09	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.8 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*

Sample Information

Client Sample ID: B-3 4 ft **York Sample ID:** 21D1312-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:20 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*			*76-130*						

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**	**79.8**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2021 08:08	04/30/2021 15:34	SK

Sample Information

Client Sample ID: B-3 4.5-9 ft **York Sample ID:** 21D1312-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/30/2021 20:01	05/04/2021 23:18	CD

Sample Information

Client Sample ID: B-3 4.5-9 ft

York Sample ID: 21D1312-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
95-48-7	2-Methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
83-32-9	Acenaphthene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
208-96-8	Acenaphthylene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
98-86-2	Acetophenone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD

Sample Information

Client Sample ID: B-3 4.5-9 ft

York Sample ID: 21D1312-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
120-12-7	Anthracene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
1912-24-9	Atrazine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
100-52-7	Benzaldehyde	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
92-87-5	Benzidine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,PADEP	05/04/2021 23:18	CD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
65-85-0	Benzoic acid	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
105-60-2	Caprolactam	ND		ug/kg dry	91.8	183	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
86-74-8	Carbazole	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
218-01-9	Chrysene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
132-64-9	Dibenzofuran	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD

Sample Information

Client Sample ID: B-3 4.5-9 ft

York Sample ID: 21D1312-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
206-44-0	Fluoranthene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
86-73-7	Fluorene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
67-72-1	Hexachloroethane	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
78-59-1	Isophorone	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
91-20-3	Naphthalene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
98-95-3	Nitrobenzene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
85-01-8	Phenanthrene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
108-95-2	Phenol	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD
129-00-0	Pyrene	ND		ug/kg dry	46.0	91.8	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 23:18	CD

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*53.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.4 %*	*21-113*

Sample Information

Client Sample ID: B-3 4.5-9 ft **York Sample ID:** 21D1312-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.2 %*			*24-116*						

PCB, 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 02:06	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 02:06	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 02:06	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 02:06	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 02:06	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 02:06	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/04/2021 07:05	05/05/2021 02:06	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05	05/05/2021 02:06	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-120*

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**	**9370**		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 16:06	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 16:06	WJM
7440-38-2	**Arsenic**	**2.38**		mg/kg dry	1.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 16:06	WJM
7440-39-3	**Barium**	**49.5**		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 16:06	WJM
7440-41-7	**Beryllium**	**0.204**		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/29/2021 16:48	05/04/2021 16:06	WJM

Sample Information

Client Sample ID: B-3 4.5-9 ft

York Sample ID: 21D1312-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

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
7440-43-9	Cadmium	ND		mg/kg dry	0.333	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**591**		mg/kg dry	5.56	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**9.96**		mg/kg dry	0.556	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.82**		mg/kg dry	0.445	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**6.64**		mg/kg dry	2.22	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17900**		mg/kg dry	27.8	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**23.5**		mg/kg dry	0.556	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2450**		mg/kg dry	5.56	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**306**		mg/kg dry	0.556	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.0**		mg/kg dry	1.11	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1160**		mg/kg dry	5.56	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.556	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**316**		mg/kg dry	55.6	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**11.2**		mg/kg dry	1.11	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**63.8**		mg/kg dry	2.78	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:06	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0692**		mg/kg dry	0.0333	1	EPA 7473	04/29/2021 20:27	04/30/2021 10:40	AD
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: B-3 4.5-9 ft **York Sample ID:** 21D1312-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

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**	**90.0**		%	0.100	1	SM 2540G	04/30/2021 08:09	04/30/2021 15:46	SK
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-3 8 ft **York Sample ID:** 21D1312-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

VOA, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: B-3 8 ft

York Sample ID: 21D1312-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36	YG CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: B-3 8 ft

York Sample ID: 21D1312-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	**Methylene chloride**	**8.6**	J	ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	23	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 14:36 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: B-3 8 ft **York Sample ID:** 21D1312-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:30 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	04/30/2021 09:00	04/30/2021 14:36	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

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**	**99.0**		%	0.100	1	SM 2540G	04/30/2021 08:09	04/30/2021 15:46	SK
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-3 9-14 ft **York Sample ID:** 21D1312-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.5	94.7	2	EPA 8270D	04/30/2021 20:01	05/04/2021 00:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.7	189	2	EPA 8270D	04/30/2021 20:01	05/04/2021 00:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: B-3 9-14 ft

York Sample ID: 21D1312-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,PADEP	05/04/2021 00:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,PADEP	05/04/2021 00:25	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,PADEP	05/04/2021 00:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH

Sample Information

Client Sample ID: B-3 9-14 ft

York Sample ID: 21D1312-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		ug/kg dry	190	379	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		ug/kg dry	190	379	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01	05/04/2021 00:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: B-3 9-14 ft

York Sample ID: 21D1312-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
105-60-2	Caprolactam	ND		ug/kg dry	94.7	189	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
86-74-8	Carbazole	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
218-01-9	Chrysene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
206-44-0	Fluoranthene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
86-73-7	Fluorene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
78-59-1	Isophorone	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH

Sample Information

Client Sample ID: B-3 9-14 ft

York Sample ID: 21D1312-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

SVOA, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
85-01-8	Phenanthrene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
108-95-2	Phenol	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH
129-00-0	Pyrene	ND		ug/kg dry	47.5	94.7	2	EPA 8270D Certifications:	04/30/2021 20:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/04/2021 00:25	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*56.2 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*55.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*60.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.3 %*	*24-116*

PCB, 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 02:19	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 02:19	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 02:19	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 02:19	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 02:19	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 02:19	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/05/2021 02:19	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/04/2021 07:05	05/05/2021 02:19	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

Sample Information

Client Sample ID: **B-3 9-14 ft** **York Sample ID:** **21D1312-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

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**	**9110**		mg/kg dry	5.72	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.86**		mg/kg dry	1.71	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**54.1**		mg/kg dry	2.86	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.176**		mg/kg dry	0.057	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.343	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**715**		mg/kg dry	5.72	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**9.40**		mg/kg dry	0.572	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**8.23**		mg/kg dry	0.457	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**10.8**		mg/kg dry	2.29	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**18700**		mg/kg dry	28.6	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**41.6**		mg/kg dry	0.572	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2700**		mg/kg dry	5.72	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**487**		mg/kg dry	0.572	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**14.5**		mg/kg dry	1.14	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1270**		mg/kg dry	5.72	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**337**		mg/kg dry	57.2	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**10.8**		mg/kg dry	1.14	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: B-3 9-14 ft **York Sample ID:** 21D1312-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

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
7440-66-6	**Zinc**	**47.4**		mg/kg dry	2.86	1	EPA 6010D	04/29/2021 16:48	05/04/2021 16:09	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**0.0839**		mg/kg dry	0.0343	1	EPA 7473	04/29/2021 20:27	04/30/2021 10:49	AD
							Certifications:	CTDOH,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**	**87.5**		%	0.100	1	SM 2540G	04/30/2021 08:09	04/30/2021 15:46	SK
							Certifications:	CTDOH		

Sample Information

Client Sample ID: B-3 12 ft **York Sample ID:** 21D1312-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 15:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 15:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 15:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 15:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 15:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	04/30/2021 09:00	04/30/2021 15:02	YG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **B-3 12 ft** **York Sample ID:** **21D1312-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP	YG
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	83	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-64-1	**Acetone**	**4.5**	ICV-E, J	ug/kg dry	4.1	8.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-02-8	Acrolein	ND		ug/kg dry	4.1	8.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
71-43-2	Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: **B-3 12 ft** **York Sample ID:** **21D1312-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
75-09-2	**Methylene chloride**	**5.6**	J	ug/kg dry	4.1	8.3	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00	04/30/2021 15:02 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	YG

Sample Information

Client Sample ID: **B-3 12 ft** **York Sample ID:** **21D1312-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
21D1312	9684.01 Strong Building	Soil	April 28, 2021 10:40 am	04/28/2021

VOA, 8260 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 15:02	YG
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.3	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/30/2021 15:02	YG
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
100-42-5	Styrene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	21	1	EPA 8260C Certifications:	04/30/2021 09:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
108-88-3	Toluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/30/2021 15:02	YG
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	12	1	EPA 8260C Certifications:	04/30/2021 09:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/30/2021 15:02	YG

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.1 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

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**	**99.0**		%	0.100	1	SM 2540G Certifications: CTDOH	04/30/2021 08:09	04/30/2021 15:46	SK

Analytical Batch Summary

Batch ID: BD11578 **Preparation Method:** EPA 7473 soil **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-03	B-1 0-7 ft	04/29/21
21D1312-05	B-1 7-14 ft	04/29/21
BD11578-BLK1	Blank	04/29/21
BD11578-DUP1	Duplicate	04/29/21
BD11578-MS1	Matrix Spike	04/29/21
BD11578-SRM1	Reference	04/29/21

Batch ID: BD11586 **Preparation Method:** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-01	FB	04/29/21
21D1312-02	TB	04/29/21
BD11586-BLK1	Blank	04/29/21
BD11586-BS1	LCS	04/29/21
BD11586-BSD1	LCS Dup	04/29/21

Batch ID: BD11589 **Preparation Method:** EPA 3015A **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-01	FB	04/29/21
BD11589-BLK1	Blank	04/29/21
BD11589-BS1	LCS	04/29/21
BD11589-DUP1	Duplicate	04/29/21
BD11589-MS1	Matrix Spike	04/29/21
BD11589-PS1	Post Spike	04/29/21

Batch ID: BD11590 **Preparation Method:** EPA 3015A **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-01	FB	04/29/21
BD11590-BLK1	Blank	04/29/21
BD11590-BS1	LCS	04/29/21
BD11590-DUP1	Duplicate	04/29/21
BD11590-MS1	Matrix Spike	04/29/21

Batch ID: BD11642 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-03	B-1 0-7 ft	04/29/21
21D1312-05	B-1 7-14 ft	04/29/21
21D1312-07	B-2 0-3.5 ft	04/29/21
21D1312-09	B-2 3.5-7 ft	04/29/21
21D1312-11	B-3 0-4.5 ft	04/29/21

21D1312-13	B-3 4.5-9 ft	04/29/21
21D1312-15	B-3 9-14 ft	04/29/21
BD11642-BLK1	Blank	04/29/21
BD11642-DUP1	Duplicate	04/29/21
BD11642-MS1	Matrix Spike	04/29/21
BD11642-PS1	Post Spike	04/29/21
BD11642-SRM1	Reference	04/29/21

Batch ID: BD11646 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-07	B-2 0-3.5 ft	04/29/21
21D1312-09	B-2 3.5-7 ft	04/29/21
21D1312-11	B-3 0-4.5 ft	04/29/21
21D1312-13	B-3 4.5-9 ft	04/29/21
21D1312-15	B-3 9-14 ft	04/29/21
BD11646-BLK1	Blank	04/29/21
BD11646-DUP1	Duplicate	04/29/21
BD11646-MS1	Matrix Spike	04/29/21
BD11646-SRM1	Reference	04/29/21

Batch ID: BD11648 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-01	FB	04/30/21
BD11648-BLK1	Blank	04/30/21
BD11648-BS1	LCS	04/30/21
BD11648-BS2	LCS	04/30/21

Batch ID: BD11662 **Preparation Method:** EPA 5035A **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-04	B-1 6 ft	04/30/21
21D1312-06	B-1 14 ft	04/30/21
21D1312-08	B-2 3 ft	04/30/21
21D1312-10	B-2 7 ft	04/30/21
21D1312-12	B-3 4 ft	04/30/21
21D1312-14	B-3 8 ft	04/30/21
21D1312-16	B-3 12 ft	04/30/21
BD11662-BLK1	Blank	04/30/21
BD11662-BLK2	Blank	04/30/21
BD11662-BS1	LCS	04/30/21
BD11662-BSD1	LCS Dup	04/30/21

Batch ID: BD11665 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-03	B-1 0-7 ft	04/30/21
21D1312-04	B-1 6 ft	04/30/21

21D1312-05	B-1 7-14 ft	04/30/21
21D1312-06	B-1 14 ft	04/30/21
21D1312-07	B-2 0-3.5 ft	04/30/21
21D1312-08	B-2 3 ft	04/30/21
21D1312-09	B-2 3.5-7 ft	04/30/21
21D1312-10	B-2 7 ft	04/30/21
21D1312-11	B-3 0-4.5 ft	04/30/21
21D1312-12	B-3 4 ft	04/30/21
BD11665-DUP1	Duplicate	04/30/21

Batch ID: BD11667 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-13	B-3 4.5-9 ft	04/30/21
21D1312-14	B-3 8 ft	04/30/21
21D1312-15	B-3 9-14 ft	04/30/21
21D1312-16	B-3 12 ft	04/30/21
BD11667-DUP1	Duplicate	04/30/21

Batch ID: BD11727 **Preparation Method:** EPA 3546 SVOA **Prepared By:** SAK

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-03	B-1 0-7 ft	04/30/21
21D1312-03RE1	B-1 0-7 ft	04/30/21
21D1312-05	B-1 7-14 ft	04/30/21
21D1312-07	B-2 0-3.5 ft	04/30/21
21D1312-09	B-2 3.5-7 ft	04/30/21
21D1312-11	B-3 0-4.5 ft	04/30/21
21D1312-13	B-3 4.5-9 ft	04/30/21
21D1312-15	B-3 9-14 ft	04/30/21
BD11727-BLK1	Blank	04/30/21
BD11727-BS1	LCS	04/30/21
BD11727-MS1	Matrix Spike	04/30/21
BD11727-MSD1	Matrix Spike Dup	04/30/21

Batch ID: BE10052 **Preparation Method:** EPA 3510C **Prepared By:** BMT

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-01	FB	05/03/21
BE10052-BLK1	Blank	05/03/21
BE10052-BLK2	Blank	05/03/21
BE10052-BS1	LCS	05/03/21
BE10052-BS2	LCS	05/03/21
BE10052-BSD1	LCS Dup	05/03/21

Batch ID: BE10086 **Preparation Method:** EPA 3550C **Prepared By:** S_K

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-03	B-1 0-7 ft	05/04/21

21D1312-05	B-1 7-14 ft	05/04/21
21D1312-07	B-2 0-3.5 ft	05/04/21
21D1312-09	B-2 3.5-7 ft	05/04/21
21D1312-11	B-3 0-4.5 ft	05/04/21
21D1312-13	B-3 4.5-9 ft	05/04/21
21D1312-15	B-3 9-14 ft	05/04/21
BE10086-BLK2	Blank	05/04/21
BE10086-BS2	LCS	05/04/21
BE10086-MS2	Matrix Spike	05/04/21
BE10086-MSD2	Matrix Spike Dup	05/04/21

Batch ID: BE10089 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** OC

YORK Sample ID	Client Sample ID	Preparation Date
21D1312-01	FB	05/04/21
BE10089-BLK2	Blank	05/04/21
BE10089-BS2	LCS	05/04/21
BE10089-BSD2	LCS Dup	05/04/21

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11586 - EPA 5030B											
Blank (BD11586-BLK1)											Prepared & Analyzed: 04/29/2021
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2-Butanone	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11586 - EPA 5030B											
Blank (BD11586-BLK1)											Prepared & Analyzed: 04/29/2021
Methylcyclohexane	ND	0.500	ug/L								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Diethylbenzene	ND	0.500	"								
p-Ethyltoluene	ND	0.500	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BD11586-BS1)											Prepared & Analyzed: 04/29/2021
1,1,1,2-Tetrachloroethane	8.67		ug/L	10.0		86.7	82-126				
1,1,1-Trichloroethane	8.98		"	10.0		89.8	78-136				
1,1,2,2-Tetrachloroethane	9.23		"	10.0		92.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.58		"	10.0		95.8	54-165				
1,1,2-Trichloroethane	8.84		"	10.0		88.4	82-123				
1,1-Dichloroethane	8.84		"	10.0		88.4	82-129				
1,1-Dichloroethylene	9.34		"	10.0		93.4	68-138				
1,2,3-Trichlorobenzene	8.41		"	10.0		84.1	76-136				
1,2,3-Trichloropropane	8.65		"	10.0		86.5	77-128				
1,2,4-Trichlorobenzene	9.16		"	10.0		91.6	76-137				
1,2,4-Trimethylbenzene	9.27		"	10.0		92.7	82-132				
1,2-Dibromo-3-chloropropane	7.18		"	10.0		71.8	45-147				
1,2-Dibromoethane	8.72		"	10.0		87.2	83-124				
1,2-Dichlorobenzene	9.27		"	10.0		92.7	79-123				
1,2-Dichloroethane	9.13		"	10.0		91.3	73-132				
1,2-Dichloropropane	8.85		"	10.0		88.5	78-126				
1,3,5-Trimethylbenzene	9.35		"	10.0		93.5	80-131				
1,3-Dichlorobenzene	9.20		"	10.0		92.0	86-122				
1,3-Dichloropropane	8.94		"	10.0		89.4	81-125				
1,4-Dichlorobenzene	9.26		"	10.0		92.6	85-124				
1,4-Dioxane	243		"	210		116	10-349				
2-Butanone	8.03		"	10.0		80.3	49-152				
2-Hexanone	6.70		"	10.0		67.0	51-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11586 - EPA 5030B											
LCS (BD11586-BS1)								Prepared & Analyzed: 04/29/2021			
4-Methyl-2-pentanone	6.68		ug/L	10.0		66.8	57-145				
Acetone	5.70		"	10.0		57.0	14-150				
Acrolein	10.8		"	10.0		108	10-153				
Acrylonitrile	8.93		"	10.0		89.3	51-150				
Benzene	9.18		"	10.0		91.8	85-126				
Bromochloromethane	9.09		"	10.0		90.9	77-128				
Bromodichloromethane	8.75		"	10.0		87.5	79-128				
Bromoform	7.50		"	10.0		75.0	78-133	Low Bias			
Bromomethane	10.2		"	10.0		102	43-168				
Carbon disulfide	8.87		"	10.0		88.7	68-146				
Carbon tetrachloride	8.71		"	10.0		87.1	77-141				
Chlorobenzene	9.18		"	10.0		91.8	88-120				
Chloroethane	10.5		"	10.0		105	65-136				
Chloroform	9.03		"	10.0		90.3	82-128				
Chloromethane	8.51		"	10.0		85.1	43-155				
cis-1,2-Dichloroethylene	9.05		"	10.0		90.5	83-129				
cis-1,3-Dichloropropylene	8.55		"	10.0		85.5	80-131				
Cyclohexane	9.54		"	10.0		95.4	63-149				
Dibromochloromethane	8.25		"	10.0		82.5	80-130				
Dibromomethane	8.76		"	10.0		87.6	72-134				
Dichlorodifluoromethane	11.2		"	10.0		112	44-144				
Ethyl Benzene	9.24		"	10.0		92.4	80-131				
Hexachlorobutadiene	8.38		"	10.0		83.8	67-146				
Isopropylbenzene	9.06		"	10.0		90.6	76-140				
Methyl acetate	8.96		"	10.0		89.6	51-139				
Methyl tert-butyl ether (MTBE)	8.68		"	10.0		86.8	76-135				
Methylcyclohexane	9.30		"	10.0		93.0	72-143				
Methylene chloride	8.61		"	10.0		86.1	55-137				
Naphthalene	8.22		"	10.0		82.2	70-147				
n-Butylbenzene	9.56		"	10.0		95.6	79-132				
n-Propylbenzene	9.21		"	10.0		92.1	78-133				
o-Xylene	9.09		"	10.0		90.9	78-130				
p- & m- Xylenes	18.6		"	20.0		92.9	77-133				
p-Diethylbenzene	10.5		"	10.0		105	84-134				
p-Ethyltoluene	9.76		"	10.0		97.6	88-129				
p-Isopropyltoluene	9.28		"	10.0		92.8	81-136				
sec-Butylbenzene	9.68		"	10.0		96.8	79-137				
Styrene	9.11		"	10.0		91.1	67-132				
tert-Butyl alcohol (TBA)	47.0		"	50.0		93.9	25-162				
tert-Butylbenzene	8.61		"	10.0		86.1	77-138				
Tetrachloroethylene	6.21		"	10.0		62.1	82-131	Low Bias			
Toluene	9.35		"	10.0		93.5	80-127				
trans-1,2-Dichloroethylene	9.50		"	10.0		95.0	80-132				
trans-1,3-Dichloropropylene	8.16		"	10.0		81.6	78-131				
Trichloroethylene	9.00		"	10.0		90.0	82-128				
Trichlorofluoromethane	9.59		"	10.0		95.9	67-139				
Vinyl Chloride	9.71		"	10.0		97.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11586 - EPA 5030B											
LCS Dup (BD11586-BSD1)							Prepared & Analyzed: 04/29/2021				
1,1,1,2-Tetrachloroethane	8.92		ug/L	10.0		89.2	82-126		2.84	30	
1,1,1-Trichloroethane	9.42		"	10.0		94.2	78-136		4.78	30	
1,1,2,2-Tetrachloroethane	9.19		"	10.0		91.9	76-129		0.434	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165		6.66	30	
1,1,2-Trichloroethane	8.89		"	10.0		88.9	82-123		0.564	30	
1,1-Dichloroethane	9.19		"	10.0		91.9	82-129		3.88	30	
1,1-Dichloroethylene	9.72		"	10.0		97.2	68-138		3.99	30	
1,2,3-Trichlorobenzene	8.19		"	10.0		81.9	76-136		2.65	30	
1,2,3-Trichloropropane	8.63		"	10.0		86.3	77-128		0.231	30	
1,2,4-Trichlorobenzene	8.99		"	10.0		89.9	76-137		1.87	30	
1,2,4-Trimethylbenzene	9.74		"	10.0		97.4	82-132		4.94	30	
1,2-Dibromo-3-chloropropane	7.34		"	10.0		73.4	45-147		2.20	30	
1,2-Dibromoethane	8.72		"	10.0		87.2	83-124		0.00	30	
1,2-Dichlorobenzene	9.63		"	10.0		96.3	79-123		3.81	30	
1,2-Dichloroethane	9.28		"	10.0		92.8	73-132		1.63	30	
1,2-Dichloropropane	9.10		"	10.0		91.0	78-126		2.79	30	
1,3,5-Trimethylbenzene	9.93		"	10.0		99.3	80-131		6.02	30	
1,3-Dichlorobenzene	9.61		"	10.0		96.1	86-122		4.36	30	
1,3-Dichloropropane	8.99		"	10.0		89.9	81-125		0.558	30	
1,4-Dichlorobenzene	9.58		"	10.0		95.8	85-124		3.40	30	
1,4-Dioxane	259		"	210		123	10-349		6.20	30	
2-Butanone	8.28		"	10.0		82.8	49-152		3.07	30	
2-Hexanone	6.95		"	10.0		69.5	51-146		3.66	30	
4-Methyl-2-pentanone	6.76		"	10.0		67.6	57-145		1.19	30	
Acetone	5.34		"	10.0		53.4	14-150		6.52	30	
Acrolein	10.9		"	10.0		109	10-153		0.461	30	
Acrylonitrile	8.55		"	10.0		85.5	51-150		4.35	30	
Benzene	9.53		"	10.0		95.3	85-126		3.74	30	
Bromochloromethane	9.14		"	10.0		91.4	77-128		0.549	30	
Bromodichloromethane	8.84		"	10.0		88.4	79-128		1.02	30	
Bromoform	7.44		"	10.0		74.4	78-133	Low Bias	0.803	30	
Bromomethane	12.0		"	10.0		120	43-168		15.7	30	
Carbon disulfide	9.26		"	10.0		92.6	68-146		4.30	30	
Carbon tetrachloride	9.12		"	10.0		91.2	77-141		4.60	30	
Chlorobenzene	9.44		"	10.0		94.4	88-120		2.79	30	
Chloroethane	11.0		"	10.0		110	65-136		4.28	30	
Chloroform	9.39		"	10.0		93.9	82-128		3.91	30	
Chloromethane	9.45		"	10.0		94.5	43-155		10.5	30	
cis-1,2-Dichloroethylene	9.36		"	10.0		93.6	83-129		3.37	30	
cis-1,3-Dichloropropylene	8.75		"	10.0		87.5	80-131		2.31	30	
Cyclohexane	10.0		"	10.0		100	63-149		5.01	30	
Dibromochloromethane	8.29		"	10.0		82.9	80-130		0.484	30	
Dibromomethane	8.78		"	10.0		87.8	72-134		0.228	30	
Dichlorodifluoromethane	11.9		"	10.0		119	44-144		6.59	30	
Ethyl Benzene	9.71		"	10.0		97.1	80-131		4.96	30	
Hexachlorobutadiene	8.71		"	10.0		87.1	67-146		3.86	30	
Isopropylbenzene	9.63		"	10.0		96.3	76-140		6.10	30	
Methyl acetate	8.77		"	10.0		87.7	51-139		2.14	30	
Methyl tert-butyl ether (MTBE)	8.62		"	10.0		86.2	76-135		0.694	30	
Methylcyclohexane	9.91		"	10.0		99.1	72-143		6.35	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11586 - EPA 5030B											
LCS Dup (BD11586-BSD1)								Prepared & Analyzed: 04/29/2021			
Methylene chloride	8.61		ug/L	10.0		86.1	55-137		0.00	30	
Naphthalene	7.86		"	10.0		78.6	70-147		4.48	30	
n-Butylbenzene	10.1		"	10.0		101	79-132		5.30	30	
n-Propylbenzene	9.84		"	10.0		98.4	78-133		6.61	30	
o-Xylene	9.43		"	10.0		94.3	78-130		3.67	30	
p- & m- Xylenes	19.5		"	20.0		97.4	77-133		4.68	30	
p-Diethylbenzene	11.2		"	10.0		112	84-134		6.47	30	
p-Ethyltoluene	10.4		"	10.0		104	88-129		6.54	30	
p-Isopropyltoluene	9.85		"	10.0		98.5	81-136		5.96	30	
sec-Butylbenzene	10.3		"	10.0		103	79-137		6.59	30	
Styrene	9.42		"	10.0		94.2	67-132		3.35	30	
tert-Butyl alcohol (TBA)	44.0		"	50.0		88.1	25-162		6.40	30	
tert-Butylbenzene	9.18		"	10.0		91.8	77-138		6.41	30	
Tetrachloroethylene	6.55		"	10.0		65.5	82-131	Low Bias	5.33	30	
Toluene	9.80		"	10.0		98.0	80-127		4.70	30	
trans-1,2-Dichloroethylene	9.89		"	10.0		98.9	80-132		4.02	30	
trans-1,3-Dichloropropylene	8.21		"	10.0		82.1	78-131		0.611	30	
Trichloroethylene	9.52		"	10.0		95.2	82-128		5.62	30	
Trichlorofluoromethane	9.97		"	10.0		99.7	67-139		3.89	30	
Vinyl Chloride	10.6		"	10.0		106	58-145		8.76	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.86*		*"*	*10.0*		*98.6*	*79-122*				
Batch BD11662 - EPA 5035A											
Blank (BD11662-BLK1)								Prepared & Analyzed: 04/30/2021			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11662 - EPA 5035A											
Blank (BD11662-BLK1)											
Prepared & Analyzed: 04/30/2021											
Acrolein	ND	10	ug/kg wet								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*99.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11662 - EPA 5035A											
Blank (BD11662-BLK2)											Prepared & Analyzed: 04/30/2021
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11662 - EPA 5035A											
Blank (BD11662-BLK2)											Prepared & Analyzed: 04/30/2021
n-Butylbenzene	ND	500	ug/kg wet								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.3*		*"*	*50.0*		*96.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				
LCS (BD11662-BS1)											Prepared & Analyzed: 04/30/2021
1,1,1,2-Tetrachloroethane	46.9		ug/L	50.0		93.7	75-129				
1,1,1-Trichloroethane	42.1		"	50.0		84.3	71-137				
1,1,2,2-Tetrachloroethane	46.0		"	50.0		92.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41.2		"	50.0		82.4	58-146				
1,1,2-Trichloroethane	44.8		"	50.0		89.5	83-123				
1,1-Dichloroethane	42.6		"	50.0		85.3	75-130				
1,1-Dichloroethylene	41.1		"	50.0		82.2	64-137				
1,2,3-Trichlorobenzene	47.1		"	50.0		94.2	81-140				
1,2,3-Trichloropropane	42.3		"	50.0		84.6	81-126				
1,2,4-Trichlorobenzene	47.9		"	50.0		95.9	80-141				
1,2,4-Trimethylbenzene	44.6		"	50.0		89.2	84-125				
1,2-Dibromo-3-chloropropane	39.5		"	50.0		79.1	74-142				
1,2-Dibromoethane	45.6		"	50.0		91.3	86-123				
1,2-Dichlorobenzene	44.8		"	50.0		89.6	85-122				
1,2-Dichloroethane	46.6		"	50.0		93.3	71-133				
1,2-Dichloropropane	43.9		"	50.0		87.8	81-122				
1,3,5-Trimethylbenzene	43.1		"	50.0		86.3	82-126				
1,3-Dichlorobenzene	44.3		"	50.0		88.6	84-124				
1,4-Dichlorobenzene	45.4		"	50.0		90.7	84-124				
1,4-Dioxane	1230		"	1050		117	10-228				
2-Butanone	38.2		"	50.0		76.3	58-147				
2-Hexanone	41.2		"	50.0		82.5	70-139				
4-Methyl-2-pentanone	44.0		"	50.0		87.9	72-132				
Acetone	25.3		"	50.0		50.6	36-155				
Acrolein	55.1		"	50.0		110	10-238				
Acrylonitrile	41.2		"	50.0		82.5	66-141				
Benzene	44.4		"	50.0		88.9	77-127				
Bromochloromethane	46.5		"	50.0		92.9	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11662 - EPA 5035A											
LCS (BD11662-BS1)								Prepared & Analyzed: 04/30/2021			
Bromodichloromethane	46.8		ug/L	50.0		93.7	81-124				
Bromoform	43.8		"	50.0		87.7	80-136				
Bromomethane	50.0		"	50.0		100	32-177				
Carbon disulfide	42.7		"	50.0		85.4	10-136				
Carbon tetrachloride	41.3		"	50.0		82.6	66-143				
Chlorobenzene	44.0		"	50.0		88.1	86-120				
Chloroethane	49.9		"	50.0		99.9	51-142				
Chloroform	44.3		"	50.0		88.6	76-131				
Chloromethane	49.4		"	50.0		98.9	49-132				
cis-1,2-Dichloroethylene	44.1		"	50.0		88.2	74-132				
cis-1,3-Dichloropropylene	48.1		"	50.0		96.3	81-129				
Cyclohexane	41.2		"	50.0		82.4	70-130				
Dibromochloromethane	49.1		"	50.0		98.3	10-200				
Dibromomethane	45.1		"	50.0		90.3	83-124				
Dichlorodifluoromethane	50.5		"	50.0		101	28-158				
Ethyl Benzene	43.6		"	50.0		87.2	84-125				
Hexachlorobutadiene	39.3		"	50.0		78.5	83-133	Low Bias			
Isopropylbenzene	40.1		"	50.0		80.2	81-127	Low Bias			
Methyl acetate	37.5		"	50.0		75.0	41-143				
Methyl tert-butyl ether (MTBE)	47.9		"	50.0		95.9	74-131				
Methylcyclohexane	39.7		"	50.0		79.4	70-130				
Methylene chloride	43.8		"	50.0		87.6	57-141				
n-Butylbenzene	52.7		"	50.0		105	80-130				
n-Propylbenzene	41.0		"	50.0		82.0	74-136				
o-Xylene	45.2		"	50.0		90.3	83-123				
p- & m- Xylenes	88.7		"	100		88.7	82-128				
p-Isopropyltoluene	42.6		"	50.0		85.3	85-125				
sec-Butylbenzene	42.6		"	50.0		85.3	83-125				
Styrene	48.8		"	50.0		97.5	86-126				
tert-Butyl alcohol (TBA)	190		"	250		75.9	70-130				
tert-Butylbenzene	40.5		"	50.0		81.0	80-127				
Tetrachloroethylene	31.3		"	50.0		62.5	80-129	Low Bias			
Toluene	42.9		"	50.0		85.9	85-121				
trans-1,2-Dichloroethylene	44.4		"	50.0		88.7	72-132				
trans-1,3-Dichloropropylene	48.2		"	50.0		96.4	78-132				
Trichloroethylene	41.3		"	50.0		82.5	84-123	Low Bias			
Trichlorofluoromethane	43.4		"	50.0		86.8	62-140				
Vinyl Chloride	47.9		"	50.0		95.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.5*		*"*	*50.0*		*97.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11662 - EPA 5035A											
LCS Dup (BD11662-BSD1)							Prepared & Analyzed: 04/30/2021				
1,1,1,2-Tetrachloroethane	46.8		ug/L	50.0		93.7	75-129		0.0640	30	
1,1,1-Trichloroethane	42.3		"	50.0		84.6	71-137		0.403	30	
1,1,2,2-Tetrachloroethane	44.4		"	50.0		88.8	79-129		3.54	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.8		"	50.0		81.6	58-146		1.02	30	
1,1,2-Trichloroethane	44.1		"	50.0		88.3	83-123		1.37	30	
1,1-Dichloroethane	42.6		"	50.0		85.2	75-130		0.0469	30	
1,1-Dichloroethylene	41.0		"	50.0		82.1	64-137		0.195	30	
1,2,3-Trichlorobenzene	46.4		"	50.0		92.9	81-140		1.45	30	
1,2,3-Trichloropropane	41.7		"	50.0		83.4	81-126		1.43	30	
1,2,4-Trichlorobenzene	47.1		"	50.0		94.3	80-141		1.68	30	
1,2,4-Trimethylbenzene	44.9		"	50.0		89.8	84-125		0.648	30	
1,2-Dibromo-3-chloropropane	40.6		"	50.0		81.2	74-142		2.62	30	
1,2-Dibromoethane	44.8		"	50.0		89.6	86-123		1.86	30	
1,2-Dichlorobenzene	45.3		"	50.0		90.5	85-122		1.09	30	
1,2-Dichloroethane	46.1		"	50.0		92.2	71-133		1.10	30	
1,2-Dichloropropane	44.2		"	50.0		88.3	81-122		0.568	30	
1,3,5-Trimethylbenzene	43.8		"	50.0		87.6	82-126		1.47	30	
1,3-Dichlorobenzene	44.5		"	50.0		89.1	84-124		0.495	30	
1,4-Dichlorobenzene	45.7		"	50.0		91.4	84-124		0.747	30	
1,4-Dioxane	1150		"	1050		109	10-228		6.66	30	
2-Butanone	36.2		"	50.0		72.3	58-147		5.36	30	
2-Hexanone	39.7		"	50.0		79.5	70-139		3.71	30	
4-Methyl-2-pentanone	42.6		"	50.0		85.1	72-132		3.24	30	
Acetone	24.2		"	50.0		48.5	36-155		4.24	30	
Acrolein	52.0		"	50.0		104	10-238		5.87	30	
Acrylonitrile	39.7		"	50.0		79.4	66-141		3.83	30	
Benzene	44.6		"	50.0		89.1	77-127		0.247	30	
Bromochloromethane	46.3		"	50.0		92.7	74-129		0.280	30	
Bromodichloromethane	46.5		"	50.0		93.0	81-124		0.707	30	
Bromoform	43.2		"	50.0		86.4	80-136		1.54	30	
Bromomethane	53.6		"	50.0		107	32-177		6.88	30	
Carbon disulfide	42.4		"	50.0		84.7	10-136		0.776	30	
Carbon tetrachloride	41.5		"	50.0		83.1	66-143		0.580	30	
Chlorobenzene	44.0		"	50.0		88.0	86-120		0.0227	30	
Chloroethane	51.1		"	50.0		102	51-142		2.34	30	
Chloroform	44.3		"	50.0		88.5	76-131		0.135	30	
Chloromethane	47.3		"	50.0		94.6	49-132		4.40	30	
cis-1,2-Dichloroethylene	44.2		"	50.0		88.4	74-132		0.204	30	
cis-1,3-Dichloropropylene	47.9		"	50.0		95.8	81-129		0.458	30	
Cyclohexane	41.3		"	50.0		82.5	70-130		0.218	30	
Dibromochloromethane	48.6		"	50.0		97.2	10-200		1.10	30	
Dibromomethane	44.2		"	50.0		88.4	83-124		2.10	30	
Dichlorodifluoromethane	47.4		"	50.0		94.9	28-158		6.15	30	
Ethyl Benzene	43.8		"	50.0		87.6	84-125		0.435	30	
Hexachlorobutadiene	39.9		"	50.0		79.7	83-133	Low Bias	1.49	30	
Isopropylbenzene	40.7		"	50.0		81.5	81-127		1.56	30	
Methyl acetate	36.5		"	50.0		73.0	41-143		2.65	30	
Methyl tert-butyl ether (MTBE)	47.3		"	50.0		94.6	74-131		1.32	30	
Methylcyclohexane	39.6		"	50.0		79.3	70-130		0.202	30	
Methylene chloride	43.5		"	50.0		87.1	57-141		0.573	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11662 - EPA 5035A											
LCS Dup (BD11662-BSD1)								Prepared & Analyzed: 04/30/2021			
n-Butylbenzene	53.3		ug/L	50.0		107	80-130		1.13	30	
n-Propylbenzene	41.4		"	50.0		82.8	74-136		0.971	30	
o-Xylene	45.3		"	50.0		90.5	83-123		0.243	30	
p- & m- Xylenes	88.5		"	100		88.5	82-128		0.169	30	
p-Isopropyltoluene	42.9		"	50.0		85.8	85-125		0.608	30	
sec-Butylbenzene	43.2		"	50.0		86.5	83-125		1.37	30	
Styrene	48.6		"	50.0		97.2	86-126		0.349	30	
tert-Butyl alcohol (TBA)	178		"	250		71.4	70-130		6.12	30	
tert-Butylbenzene	41.0		"	50.0		81.9	80-127		1.18	30	
Tetrachloroethylene	31.4		"	50.0		62.8	80-129	Low Bias	0.479	30	
Toluene	43.2		"	50.0		86.4	85-121		0.581	30	
trans-1,2-Dichloroethylene	44.1		"	50.0		88.2	72-132		0.611	30	
trans-1,3-Dichloropropylene	47.8		"	50.0		95.6	78-132		0.750	30	
Trichloroethylene	41.2		"	50.0		82.5	84-123	Low Bias	0.0970	30	
Trichlorofluoromethane	44.1		"	50.0		88.2	62-140		1.62	30	
Vinyl Chloride	48.8		"	50.0		97.5	52-130		1.86	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.7*		*"*	*50.0*		*95.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*"*	*50.0*		*99.7*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11727 - EPA 3546 SVOA											
Blank (BD11727-BLK1)											
Prepared: 04/30/2021 Analyzed: 05/03/2021											
1,1-Biphenyl	ND	41.6	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.0	"								
1,2,4-Trichlorobenzene	ND	41.6	"								
1,2-Dichlorobenzene	ND	41.6	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.6	"								
1,3-Dichlorobenzene	ND	41.6	"								
1,4-Dichlorobenzene	ND	41.6	"								
2,3,4,6-Tetrachlorophenol	ND	83.0	"								
2,4,5-Trichlorophenol	ND	41.6	"								
2,4,6-Trichlorophenol	ND	41.6	"								
2,4-Dichlorophenol	ND	41.6	"								
2,4-Dimethylphenol	ND	41.6	"								
2,4-Dinitrophenol	ND	83.0	"								
2,4-Dinitrotoluene	ND	41.6	"								
2,6-Dinitrotoluene	ND	41.6	"								
2-Chloronaphthalene	ND	41.6	"								
2-Chlorophenol	ND	41.6	"								
2-Methylnaphthalene	ND	41.6	"								
2-Methylphenol	ND	41.6	"								
2-Nitroaniline	ND	83.0	"								
2-Nitrophenol	ND	41.6	"								
3- & 4-Methylphenols	ND	41.6	"								
3,3-Dichlorobenzidine	ND	41.6	"								
3-Nitroaniline	ND	83.0	"								
4,6-Dinitro-2-methylphenol	ND	83.0	"								
4-Bromophenyl phenyl ether	ND	41.6	"								
4-Chloro-3-methylphenol	ND	41.6	"								
4-Chloroaniline	ND	41.6	"								
4-Chlorophenyl phenyl ether	ND	41.6	"								
4-Nitroaniline	ND	83.0	"								
4-Nitrophenol	ND	83.0	"								
Acenaphthene	ND	41.6	"								
Acenaphthylene	ND	41.6	"								
Acetophenone	ND	41.6	"								
Aniline	ND	166	"								
Anthracene	ND	41.6	"								
Atrazine	ND	41.6	"								
Benzaldehyde	ND	41.6	"								
Benzidine	ND	166	"								
Benzo(a)anthracene	ND	41.6	"								
Benzo(a)pyrene	ND	41.6	"								
Benzo(b)fluoranthene	ND	41.6	"								
Benzo(g,h,i)perylene	ND	41.6	"								
Benzo(k)fluoranthene	ND	41.6	"								
Benzoic acid	ND	41.6	"								
Benzyl alcohol	ND	41.6	"								
Benzyl butyl phthalate	ND	41.6	"								
Bis(2-chloroethoxy)methane	ND	41.6	"								
Bis(2-chloroethyl)ether	ND	41.6	"								
Bis(2-chloroisopropyl)ether	ND	41.6	"								
Bis(2-ethylhexyl)phthalate	ND	41.6	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11727 - EPA 3546 SVOA											
Blank (BD11727-BLK1)											
Prepared: 04/30/2021 Analyzed: 05/03/2021											
Caprolactam	ND	83.0	ug/kg wet								
Carbazole	ND	41.6	"								
Chrysene	ND	41.6	"								
Dibenzo(a,h)anthracene	ND	41.6	"								
Dibenzofuran	ND	41.6	"								
Diethyl phthalate	ND	41.6	"								
Dimethyl phthalate	ND	41.6	"								
Di-n-butyl phthalate	ND	41.6	"								
Di-n-octyl phthalate	ND	41.6	"								
Fluoranthene	ND	41.6	"								
Fluorene	ND	41.6	"								
Hexachlorobenzene	ND	41.6	"								
Hexachlorobutadiene	ND	41.6	"								
Hexachlorocyclopentadiene	ND	41.6	"								
Hexachloroethane	ND	41.6	"								
Indeno(1,2,3-cd)pyrene	ND	41.6	"								
Isophorone	ND	41.6	"								
Naphthalene	ND	41.6	"								
Nitrobenzene	ND	41.6	"								
N-Nitrosodimethylamine	ND	41.6	"								
N-nitroso-di-n-propylamine	ND	41.6	"								
N-Nitrosodiphenylamine	ND	41.6	"								
Pentachlorophenol	ND	41.6	"								
Phenanthrene	ND	41.6	"								
Phenol	ND	41.6	"								
Pyrene	ND	41.6	"								
Surrogate: SURR: 2-Fluorophenol	*1250*		*"*	*1660*		*75.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1180*		*"*	*1660*		*71.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*745*		*"*	*831*		*89.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*608*		*"*	*831*		*73.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1280*		*"*	*1660*		*77.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*744*		*"*	*831*		*89.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11727 - EPA 3546 SVOA											
LCS (BD11727-BS1)								Prepared: 04/30/2021 Analyzed: 05/03/2021			
1,1-Biphenyl	367	41.6	ug/kg wet	831		44.2	18-111				
1,2,4,5-Tetrachlorobenzene	318	83.0	"	831		38.3	21-131				
1,2,4-Trichlorobenzene	301	41.6	"	831		36.2	10-140				
1,2-Dichlorobenzene	308	41.6	"	831		37.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	402	41.6	"	831		48.4	17-137				
1,3-Dichlorobenzene	278	41.6	"	831		33.5	33-110				
1,4-Dichlorobenzene	292	41.6	"	831		35.2	32-104				
2,3,4,6-Tetrachlorophenol	449	83.0	"	831		54.0	30-130				
2,4,5-Trichlorophenol	367	41.6	"	831		44.2	27-118				
2,4,6-Trichlorophenol	344	41.6	"	831		41.4	31-120				
2,4-Dichlorophenol	363	41.6	"	831		43.7	20-127				
2,4-Dimethylphenol	370	41.6	"	831		44.5	14-132				
2,4-Dinitrophenol	ND	83.0	"	831			10-171	Low Bias			
2,4-Dinitrotoluene	413	41.6	"	831		49.8	34-131				
2,6-Dinitrotoluene	397	41.6	"	831		47.8	31-128				
2-Chloronaphthalene	320	41.6	"	831		38.5	31-117				
2-Chlorophenol	319	41.6	"	831		38.4	33-113				
2-Methylnaphthalene	375	41.6	"	831		45.2	12-138				
2-Methylphenol	343	41.6	"	831		41.2	10-136				
2-Nitroaniline	400	83.0	"	831		48.2	27-132				
2-Nitrophenol	382	41.6	"	831		46.0	17-129				
3- & 4-Methylphenols	320	41.6	"	831		38.5	29-103				
3,3-Dichlorobenzidine	322	41.6	"	831		38.7	22-149				
3-Nitroaniline	356	83.0	"	831		42.9	20-133				
4,6-Dinitro-2-methylphenol	220	83.0	"	831		26.5	10-143				
4-Bromophenyl phenyl ether	326	41.6	"	831		39.3	29-120				
4-Chloro-3-methylphenol	384	41.6	"	831		46.2	24-129				
4-Chloroaniline	247	41.6	"	831		29.8	10-132				
4-Chlorophenyl phenyl ether	318	41.6	"	831		38.3	27-124				
4-Nitroaniline	372	83.0	"	831		44.8	16-128				
4-Nitrophenol	469	83.0	"	831		56.5	10-141				
Acenaphthene	326	41.6	"	831		39.2	30-121				
Acenaphthylene	329	41.6	"	831		39.6	30-115				
Acetophenone	369	41.6	"	831		44.4	20-112				
Aniline	274	166	"	831		33.0	10-119				
Anthracene	353	41.6	"	831		42.5	34-118				
Atrazine	418	41.6	"	831		50.4	26-112				
Benzaldehyde	366	41.6	"	831		44.1	21-100				
Benzo(a)anthracene	350	41.6	"	831		42.2	32-122				
Benzo(a)pyrene	410	41.6	"	831		49.4	29-133				
Benzo(b)fluoranthene	372	41.6	"	831		44.8	25-133				
Benzo(g,h,i)perylene	372	41.6	"	831		44.8	10-143				
Benzo(k)fluoranthene	386	41.6	"	831		46.4	25-128				
Benzoic acid	57.8	41.6	"	831		6.96	10-140	Low Bias			
Benzyl alcohol	342	41.6	"	831		41.2	30-115				
Benzyl butyl phthalate	364	41.6	"	831		43.8	26-126				
Bis(2-chloroethoxy)methane	334	41.6	"	831		40.2	19-132				
Bis(2-chloroethyl)ether	302	41.6	"	831		36.4	19-125				
Bis(2-chloroisopropyl)ether	325	41.6	"	831		39.2	20-135				
Bis(2-ethylhexyl)phthalate	378	41.6	"	831		45.5	10-155				
Caprolactam	442	83.0	"	831		53.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11727 - EPA 3546 SVOA											
LCS (BD11727-BS1)											
Prepared: 04/30/2021 Analyzed: 05/03/2021											
Carbazole	364	41.6	ug/kg wet	831		43.8	35-123				
Chrysene	361	41.6	"	831		43.5	32-123				
Dibenzo(a,h)anthracene	381	41.6	"	831		45.9	10-136				
Dibenzofuran	346	41.6	"	831		41.6	29-121				
Diethyl phthalate	364	41.6	"	831		43.8	34-116				
Dimethyl phthalate	353	41.6	"	831		42.5	35-124				
Di-n-butyl phthalate	345	41.6	"	831		41.5	31-116				
Di-n-octyl phthalate	394	41.6	"	831		47.5	26-136				
Fluoranthene	346	41.6	"	831		41.6	33-122				
Fluorene	350	41.6	"	831		42.2	29-123				
Hexachlorobenzene	397	41.6	"	831		47.8	21-124				
Hexachlorobutadiene	309	41.6	"	831		37.2	10-149				
Hexachlorocyclopentadiene	319	41.6	"	831		38.4	10-129				
Hexachloroethane	332	41.6	"	831		40.0	28-108				
Indeno(1,2,3-cd)pyrene	382	41.6	"	831		46.0	10-135				
Isophorone	378	41.6	"	831		45.5	20-132				
Naphthalene	344	41.6	"	831		41.4	23-124				
Nitrobenzene	390	41.6	"	831		47.0	13-132				
N-Nitrosodimethylamine	339	41.6	"	831		40.8	11-129				
N-nitroso-di-n-propylamine	344	41.6	"	831		41.4	24-119				
N-Nitrosodiphenylamine	445	41.6	"	831		53.6	22-152				
Pentachlorophenol	180	41.6	"	831		21.7	10-139				
Phenanthrene	357	41.6	"	831		43.0	33-123				
Phenol	358	41.6	"	831		43.1	23-115				
Pyrene	355	41.6	"	831		42.8	24-130				
Surrogate: SURR: 2-Fluorophenol	*649*		*"*	*1660*		*39.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*607*		*"*	*1660*		*36.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*381*		*"*	*831*		*45.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*307*		*"*	*831*		*36.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*661*		*"*	*1660*		*39.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*349*		*"*	*831*		*42.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11727 - EPA 3546 SVOA											
Matrix Spike (BD11727-MS1)	*Source sample: 21D1312-05 (B-1 7-14 ft)							Prepared: 04/30/2021 Analyzed: 05/04/2021			
1,1-Biphenyl	468	88.5	ug/kg dry	885	ND	53.0	10-130				
1,2,4,5-Tetrachlorobenzene	442	177	"	885	ND	49.9	10-133				
1,2,4-Trichlorobenzene	466	88.5	"	885	ND	52.6	10-127				
1,2-Dichlorobenzene	378	88.5	"	885	ND	42.7	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	431	88.5	"	885	ND	48.7	10-144				
1,3-Dichlorobenzene	345	88.5	"	885	ND	39.0	11-111				
1,4-Dichlorobenzene	376	88.5	"	885	ND	42.6	10-106				
2,3,4,6-Tetrachlorophenol	708	177	"	885	ND	80.0	30-130				
2,4,5-Trichlorophenol	497	88.5	"	885	ND	56.2	10-127				
2,4,6-Trichlorophenol	461	88.5	"	885	ND	52.2	10-132				
2,4-Dichlorophenol	668	88.5	"	885	ND	75.5	10-128				
2,4-Dimethylphenol	478	88.5	"	885	ND	54.1	10-137				
2,4-Dinitrophenol	228	177	"	885	ND	25.8	10-171				
2,4-Dinitrotoluene	575	88.5	"	885	ND	65.0	16-135				
2,6-Dinitrotoluene	656	88.5	"	885	ND	74.2	18-131				
2-Chloronaphthalene	428	88.5	"	885	ND	48.4	10-129				
2-Chlorophenol	369	88.5	"	885	ND	41.7	15-116				
2-Methylnaphthalene	696	88.5	"	885	122	64.9	10-147				
2-Methylphenol	340	88.5	"	885	ND	38.5	10-136				
2-Nitroaniline	481	177	"	885	ND	54.4	10-137				
2-Nitrophenol	476	88.5	"	885	ND	53.8	10-129				
3- & 4-Methylphenols	338	88.5	"	885	ND	38.2	10-123				
3,3-Dichlorobenzidine	350	88.5	"	885	ND	39.5	10-155				
3-Nitroaniline	419	177	"	885	ND	47.4	12-133				
4,6-Dinitro-2-methylphenol	ND	177	"	885	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	456	88.5	"	885	ND	51.5	14-128				
4-Chloro-3-methylphenol	466	88.5	"	885	ND	52.6	10-134				
4-Chloroaniline	323	88.5	"	885	ND	36.6	10-145				
4-Chlorophenyl phenyl ether	461	88.5	"	885	ND	52.1	14-130				
4-Nitroaniline	493	177	"	885	ND	55.8	10-147				
4-Nitrophenol	522	177	"	885	ND	59.0	10-137				
Acenaphthene	522	88.5	"	885	78.5	50.1	10-146				
Acenaphthylene	449	88.5	"	885	ND	50.8	10-134				
Acetophenone	396	88.5	"	885	ND	44.7	10-116				
Aniline	228	355	"	885	ND	25.8	10-123				
Anthracene	562	88.5	"	885	76.4	54.9	10-142				
Atrazine	768	88.5	"	885	ND	86.8	19-115				
Benzaldehyde	410	88.5	"	885	ND	46.4	10-125				
Benzo(a)anthracene	466	88.5	"	885	ND	52.7	10-158				
Benzo(a)pyrene	492	88.5	"	885	ND	55.6	10-180				
Benzo(b)fluoranthene	465	88.5	"	885	ND	52.6	10-200				
Benzo(g,h,i)perylene	502	88.5	"	885	ND	56.7	10-138				
Benzo(k)fluoranthene	471	88.5	"	885	ND	53.3	10-197				
Benzoic acid	1230	88.5	"	885	ND	139	10-166				
Benzyl alcohol	417	88.5	"	885	ND	47.1	12-124				
Benzyl butyl phthalate	425	88.5	"	885	ND	48.1	10-154				
Bis(2-chloroethoxy)methane	408	88.5	"	885	ND	46.1	10-132				
Bis(2-chloroethyl)ether	340	88.5	"	885	ND	38.5	10-119				
Bis(2-chloroisopropyl)ether	330	88.5	"	885	ND	37.4	10-139				
Bis(2-ethylhexyl)phthalate	444	88.5	"	885	ND	50.2	10-167				
Caprolactam	405	177	"	885	ND	45.8	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11727 - EPA 3546 SVOA											
Matrix Spike (BD11727-MS1)	*Source sample: 21D1312-05 (B-1 7-14 ft)							Prepared: 04/30/2021 Analyzed: 05/04/2021			
Carbazole	487	88.5	ug/kg dry	885	ND	55.0	10-167				
Chrysene	479	88.5	"	885	ND	54.2	10-156				
Dibenzo(a,h)anthracene	464	88.5	"	885	ND	52.5	10-137				
Dibenzofuran	558	88.5	"	885	ND	63.0	10-147				
Diethyl phthalate	429	88.5	"	885	ND	48.5	20-120				
Dimethyl phthalate	432	88.5	"	885	ND	48.9	18-131				
Di-n-butyl phthalate	442	88.5	"	885	ND	50.0	10-137				
Di-n-octyl phthalate	436	88.5	"	885	ND	49.3	10-180				
Fluoranthene	512	88.5	"	885	ND	57.8	10-160				
Fluorene	708	88.5	"	885	187	58.9	10-157				
Hexachlorobenzene	460	88.5	"	885	ND	52.0	10-137				
Hexachlorobutadiene	480	88.5	"	885	ND	54.2	10-132				
Hexachlorocyclopentadiene	ND	88.5	"	885	ND		10-106	Low Bias			
Hexachloroethane	444	88.5	"	885	ND	50.2	10-110				
Indeno(1,2,3-cd)pyrene	530	88.5	"	885	ND	59.9	10-144				
Isophorone	415	88.5	"	885	ND	46.9	10-132				
Naphthalene	505	88.5	"	885	ND	57.1	10-141				
Nitrobenzene	370	88.5	"	885	ND	41.8	10-131				
N-Nitrosodimethylamine	306	88.5	"	885	ND	34.6	10-126				
N-nitroso-di-n-propylamine	345	88.5	"	885	ND	39.0	10-125				
N-Nitrosodiphenylamine	1290	88.5	"	885	ND	146	10-177				
Pentachlorophenol	469	88.5	"	885	ND	53.0	10-153				
Phenanthrene	887	88.5	"	885	278	68.8	10-148				
Phenol	340	88.5	"	885	ND	38.4	10-126				
Pyrene	674	88.5	"	885	128	61.8	10-165				
Surrogate: SURR: 2-Fluorophenol	*701*		"	*1770*		*39.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*692*		"	*1770*		*39.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*415*		"	*885*		*47.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*415*		"	*885*		*46.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1090*		"	*1770*		*61.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*488*		"	*885*		*55.2*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11727 - EPA 3546 SVOA											
Matrix Spike Dup (BD11727-MSD1)	*Source sample: 21D1312-05 (B-1 7-14 ft)								Prepared: 04/30/2021 Analyzed: 05/05/2021		
1,1-Biphenyl	468	88.5	ug/kg dry	885	ND	53.0	10-130		0.00	30	
1,2,4,5-Tetrachlorobenzene	455	177	"	885	ND	51.4	10-133		3.00	30	
1,2,4-Trichlorobenzene	451	88.5	"	885	ND	51.0	10-127		3.24	30	
1,2-Dichlorobenzene	413	88.5	"	885	ND	46.6	14-111		8.77	30	
1,2-Diphenylhydrazine (as Azobenzene)	440	88.5	"	885	ND	49.8	10-144		2.11	30	
1,3-Dichlorobenzene	361	88.5	"	885	ND	40.8	11-111		4.41	30	
1,4-Dichlorobenzene	389	88.5	"	885	ND	44.0	10-106		3.33	30	
2,3,4,6-Tetrachlorophenol	711	177	"	885	ND	80.4	30-130		0.499	30	
2,4,5-Trichlorophenol	526	88.5	"	885	ND	59.4	10-127		5.67	30	
2,4,6-Trichlorophenol	475	88.5	"	885	ND	53.7	10-132		2.87	30	
2,4-Dichlorophenol	660	88.5	"	885	ND	74.6	10-128		1.28	30	
2,4-Dimethylphenol	464	88.5	"	885	ND	52.4	10-137		3.16	30	
2,4-Dinitrophenol	181	177	"	885	ND	20.5	10-171		22.8	30	
2,4-Dinitrotoluene	512	88.5	"	885	ND	57.8	16-135		11.7	30	
2,6-Dinitrotoluene	628	88.5	"	885	ND	71.0	18-131		4.30	30	
2-Chloronaphthalene	420	88.5	"	885	ND	47.5	10-129		1.83	30	
2-Chlorophenol	398	88.5	"	885	ND	45.0	15-116		7.75	30	
2-Methylnaphthalene	696	88.5	"	885	122	64.9	10-147		0.102	30	
2-Methylphenol	368	88.5	"	885	ND	41.6	10-136		7.79	30	
2-Nitroaniline	487	177	"	885	ND	55.0	10-137		1.17	30	
2-Nitrophenol	492	88.5	"	885	ND	55.6	10-129		3.37	30	
3- & 4-Methylphenols	356	88.5	"	885	ND	40.2	10-123		5.31	30	
3,3-Dichlorobenzidine	363	88.5	"	885	ND	41.0	10-155		3.77	30	
3-Nitroaniline	413	177	"	885	ND	46.6	12-133		1.53	30	
4,6-Dinitro-2-methylphenol	ND	177	"	885	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	459	88.5	"	885	ND	51.8	14-128		0.619	30	
4-Chloro-3-methylphenol	471	88.5	"	885	ND	53.3	10-134		1.21	30	
4-Chloroaniline	339	88.5	"	885	ND	38.3	10-145		4.70	30	
4-Chlorophenyl phenyl ether	455	88.5	"	885	ND	51.4	14-130		1.24	30	
4-Nitroaniline	449	177	"	885	ND	50.8	10-147		9.31	30	
4-Nitrophenol	498	177	"	885	ND	56.3	10-137		4.72	30	
Acenaphthene	525	88.5	"	885	78.5	50.5	10-146		0.676	30	
Acenaphthylene	458	88.5	"	885	ND	51.8	10-134		1.87	30	
Acetophenone	420	88.5	"	885	ND	47.5	10-116		6.07	30	
Aniline	241	355	"	885	ND	27.3	10-123		5.73	30	
Anthracene	557	88.5	"	885	76.4	54.3	10-142		0.886	30	
Atrazine	724	88.5	"	885	ND	81.8	19-115		5.88	30	
Benzaldehyde	414	88.5	"	885	ND	46.8	10-125		0.858	30	
Benzo(a)anthracene	482	88.5	"	885	ND	54.5	10-158		3.28	30	
Benzo(a)pyrene	514	88.5	"	885	ND	58.1	10-180		4.36	30	
Benzo(b)fluoranthene	491	88.5	"	885	ND	55.5	10-200		5.48	30	
Benzo(g,h,i)perylene	511	88.5	"	885	ND	57.8	10-138		1.82	30	
Benzo(k)fluoranthene	497	88.5	"	885	ND	56.2	10-197		5.26	30	
Benzoic acid	357	88.5	"	885	ND	40.4	10-166		110	30	Non-dir.
Benzyl alcohol	435	88.5	"	885	ND	49.1	12-124		4.16	30	
Benzyl butyl phthalate	454	88.5	"	885	ND	51.3	10-154		6.44	30	
Bis(2-chloroethoxy)methane	413	88.5	"	885	ND	46.7	10-132		1.38	30	
Bis(2-chloroethyl)ether	371	88.5	"	885	ND	41.9	10-119		8.56	30	
Bis(2-chloroisopropyl)ether	345	88.5	"	885	ND	39.0	10-139		4.40	30	
Bis(2-ethylhexyl)phthalate	445	88.5	"	885	ND	50.3	10-167		0.159	30	
Caprolactam	410	177	"	885	ND	46.3	10-132		1.22	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11727 - EPA 3546 SVOA											
Matrix Spike Dup (BD11727-MSD1)	*Source sample: 21D1312-05 (B-1 7-14 ft)								Prepared: 04/30/2021 Analyzed: 05/05/2021		
Carbazole	471	88.5	ug/kg dry	885	ND	53.2	10-167		3.40	30	
Chrysene	500	88.5	"	885	ND	56.5	10-156		4.19	30	
Dibenzo(a,h)anthracene	464	88.5	"	885	ND	52.5	10-137		0.00	30	
Dibenzofuran	548	88.5	"	885	ND	61.9	10-147		1.79	30	
Diethyl phthalate	429	88.5	"	885	ND	48.5	20-120		0.00	30	
Dimethyl phthalate	445	88.5	"	885	ND	50.3	18-131		2.90	30	
Di-n-butyl phthalate	432	88.5	"	885	ND	48.8	10-137		2.43	30	
Di-n-octyl phthalate	454	88.5	"	885	ND	51.3	10-180		3.98	30	
Fluoranthene	510	88.5	"	885	ND	57.6	10-160		0.416	30	
Fluorene	716	88.5	"	885	187	59.8	10-157		1.09	30	
Hexachlorobenzene	510	88.5	"	885	ND	57.6	10-137		10.2	30	
Hexachlorobutadiene	487	88.5	"	885	ND	55.0	10-132		1.46	30	
Hexachlorocyclopentadiene	ND	88.5	"	885	ND		10-106	Low Bias		30	
Hexachloroethane	435	88.5	"	885	ND	49.1	10-110		2.10	30	
Indeno(1,2,3-cd)pyrene	539	88.5	"	885	ND	61.0	10-144		1.72	30	
Isophorone	483	88.5	"	885	ND	54.6	10-132		15.3	30	
Naphthalene	527	88.5	"	885	ND	59.6	10-141		4.25	30	
Nitrobenzene	386	88.5	"	885	ND	43.6	10-131		4.12	30	
N-Nitrosodimethylamine	342	88.5	"	885	ND	38.6	10-126		10.9	30	
N-nitroso-di-n-propylamine	298	88.5	"	885	ND	33.7	10-125		14.5	30	
N-Nitrosodiphenylamine	595	88.5	"	885	ND	67.3	10-177		74.0	30	Non-dir.
Pentachlorophenol	520	88.5	"	885	ND	58.8	10-153		10.3	30	
Phenanthrene	839	88.5	"	885	278	63.4	10-148		5.58	30	
Phenol	365	88.5	"	885	ND	41.3	10-126		7.23	30	
Pyrene	655	88.5	"	885	128	59.7	10-165		2.87	30	
Surrogate: SURR: 2-Fluorophenol	*750*		"	*1770*		*42.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*739*		"	*1770*		*41.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*426*		"	*885*		*48.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*432*		"	*885*		*48.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1080*		"	*1770*		*61.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*520*		"	*885*		*58.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10052 - EPA 3510C											
Blank (BE10052-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1-Methylnaphthalene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Alpha Terpineol	ND	10.0	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Cresols, total	ND	15.0	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								

Prepared: 05/03/2021 Analyzed: 05/04/2021

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10052 - EPA 3510C											
Blank (BE10052-BLK1)											Prepared: 05/03/2021 Analyzed: 05/04/2021
Diphenylamine	ND	5.00	ug/L								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachloronitrobenzene	ND	5.00	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyridine	ND	5.00	"								
Resorcinol	ND	5.00	"								
Parathion	ND	1.75	"								
Surrogate: SURR: 2-Fluorophenol	*12.1*		*"*	*50.0*		*24.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.11*		*"*	*50.0*		*16.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*13.6*		*"*	*25.0*		*54.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.3*		*"*	*25.0*		*53.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*28.7*		*"*	*50.0*		*57.3*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.2*		*"*	*25.0*		*72.9*	*30.7-106*				
Blank (BE10052-BLK2)											Prepared: 05/03/2021 Analyzed: 05/04/2021
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1-Methylnaphthalene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10052 - EPA 3510C											
Blank (BE10052-BLK2)											
Prepared: 05/03/2021 Analyzed: 05/04/2021											
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Alpha Terpineol	ND	10.0	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Cresols, total	ND	15.0	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Diphenylamine	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachloronitrobenzene	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Propargite	ND	5.00	"								
Pyrene	ND	0.0500	"								

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10052 - EPA 3510C											
Blank (BE10052-BLK2)								Prepared: 05/03/2021 Analyzed: 05/04/2021			
Pyridine	ND	5.00	ug/L								
Resorcinol	ND	5.00	"								
Parathion	ND	1.75	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				
LCS (BE10052-BS1)								Prepared: 05/03/2021 Analyzed: 05/04/2021			
1,1-Biphenyl	20.1	5.00	ug/L	25.0		80.4	33-95				
1,2,4,5-Tetrachlorobenzene	17.1	5.00	"	25.0		68.5	26-120				
1,2,4-Trichlorobenzene	16.2	5.00	"	25.0		64.6	20-118				
1,2-Dichlorobenzene	17.1	5.00	"	25.0		68.6	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	20.5	5.00	"	25.0		82.2	16-141				
1,3-Dichlorobenzene	16.2	5.00	"	25.0		64.8	23-117				
1,4-Dichlorobenzene	16.7	5.00	"	25.0		66.7	30-105				
1-Methylnaphthalene	19.6	5.00	"	25.0		78.2	40-140				
2,3,4,6-Tetrachlorophenol	23.7	5.00	"	25.0		94.7	30-130				
2,4,5-Trichlorophenol	18.4	5.00	"	25.0		73.6	32-114				
2,4,6-Trichlorophenol	18.9	5.00	"	25.0		75.4	35-118				
2,4-Dichlorophenol	17.5	5.00	"	25.0		70.0	25-116				
2,4-Dimethylphenol	17.9	5.00	"	25.0		71.5	15-116				
2,4-Dinitrophenol	22.8	5.00	"	25.0		91.3	10-170				
2,4-Dinitrotoluene	23.4	5.00	"	25.0		93.6	41-128				
2,6-Dinitrotoluene	21.1	5.00	"	25.0		84.5	45-116				
2-Chloronaphthalene	17.3	5.00	"	25.0		69.1	33-112				
2-Chlorophenol	15.5	5.00	"	25.0		61.9	15-120				
2-Methylnaphthalene	19.8	5.00	"	25.0		79.2	24-118				
2-Methylphenol	14.4	5.00	"	25.0		57.8	10-110				
2-Nitroaniline	22.1	5.00	"	25.0		88.3	34-129				
2-Nitrophenol	19.4	5.00	"	25.0		77.4	28-118				
3- & 4-Methylphenols	11.5	5.00	"	25.0		46.2	10-107				
3,3-Dichlorobenzidine	24.0	5.00	"	25.0		95.9	15-187				
3-Nitroaniline	20.1	5.00	"	25.0		80.5	24-134				
4,6-Dinitro-2-methylphenol	22.6	5.00	"	25.0		90.5	10-153				
4-Bromophenyl phenyl ether	16.7	5.00	"	25.0		66.6	34-120				
4-Chloro-3-methylphenol	18.6	5.00	"	25.0		74.4	20-120				
4-Chloroaniline	15.0	5.00	"	25.0		60.0	10-147				
4-Chlorophenyl phenyl ether	17.3	5.00	"	25.0		69.3	27-121				
4-Nitroaniline	22.4	5.00	"	25.0		89.6	13-134				
4-Nitrophenol	9.80	5.00	"	25.0		39.2	10-131				
Acetophenone	21.1	5.00	"	25.0		84.4	25-110				
Aniline	11.8	5.00	"	25.0		47.3	10-117				
Benzaldehyde	22.6	5.00	"	25.0		90.2	29-117				
Benzoic acid	5.77	5.00	"	25.0		23.1	30-130	Low Bias			
Benzyl alcohol	14.1	5.00	"	25.0		56.4	10-117				
Benzyl butyl phthalate	23.9	5.00	"	25.0		95.7	29-133				
Bis(2-chloroethoxy)methane	18.4	5.00	"	25.0		73.4	10-154				
Bis(2-chloroethyl)ether	19.1	5.00	"	25.0		76.4	17-125				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10052 - EPA 3510C											
LCS (BE10052-BS1)								Prepared: 05/03/2021 Analyzed: 05/04/2021			
Bis(2-chloroisopropyl)ether	18.6	5.00	ug/L	25.0		74.4	10-139				
Caprolactam	4.44	5.00	"	25.0		17.8	10-137				
Carbazole	22.8	5.00	"	25.0		91.2	42-126				
Cresols, total	26.0	15.0	"	50.0		52.0	30-130				
Dibenzofuran	18.7	5.00	"	25.0		74.8	36-113				
Diethyl phthalate	20.1	5.00	"	25.0		80.6	38-115				
Dimethyl phthalate	18.8	5.00	"	25.0		75.3	38-129				
Di-n-butyl phthalate	22.8	5.00	"	25.0		91.2	31-120				
Di-n-octyl phthalate	26.4	5.00	"	25.0		106	21-149				
Diphenylamine	24.5	5.00	"	25.0		98.2	40-140				
Hexachlorocyclopentadiene	14.9	10.0	"	25.0		59.8	10-130				
Isophorone	19.2	5.00	"	25.0		76.9	25-127				
N-nitroso-di-n-propylamine	18.3	5.00	"	25.0		73.1	26-122				
N-Nitrosodiphenylamine	24.7	5.00	"	25.0		98.7	23-149				
Pentachloronitrobenzene	21.3	5.00	"	25.0		85.0	40-140				
Phenol	7.82	5.00	"	25.0		31.3	10-110				
Pyridine	4.71	5.00	"	25.2		18.7	10-90				
Surrogate: SURR: 2-Fluorophenol	*17.6*		*"*	*50.0*		*35.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*12.3*		*"*	*50.0*		*24.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.5*		*"*	*25.0*		*74.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.3*		*"*	*25.0*		*69.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*41.9*		*"*	*50.0*		*83.8*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.4*		*"*	*25.0*		*85.4*	*30.7-106*				
LCS (BE10052-BS2)								Prepared: 05/03/2021 Analyzed: 05/04/2021			
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
1,2,4-Trichlorobenzene	ND	5.00	"	1.00			20-118	Low Bias			
1,2-Dichlorobenzene	ND	5.00	"	1.00			29-111	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"	1.00			16-141	Low Bias			
1,3-Dichlorobenzene	ND	5.00	"	1.00			23-117	Low Bias			
1,4-Dichlorobenzene	ND	5.00	"	1.00			30-105	Low Bias			
1-Methylnaphthalene	ND	5.00	"	1.00			40-140	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10052 - EPA 3510C											
LCS (BE10052-BS2)								Prepared: 05/03/2021 Analyzed: 05/04/2021			
4-Bromophenyl phenyl ether	ND	5.00	ug/L	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.890	0.0500	"	1.00		89.0	25-116				
Acenaphthylene	0.920	0.0500	"	1.00		92.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Aniline	ND	5.00	"	1.00			10-117	Low Bias			
Anthracene	0.870	0.0500	"	1.00		87.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.980	0.0500	"	1.00		98.0	33-125				
Benzo(a)pyrene	0.800	0.0500	"	1.00		80.0	32-132				
Benzo(b)fluoranthene	0.960	0.0500	"	1.00		96.0	22-137				
Benzo(g,h,i)perylene	1.08	0.0500	"	1.00		108	10-138				
Benzo(k)fluoranthene	0.900	0.0500	"	1.00		90.0	20-137				
Benzoic acid	ND	5.00	"				30-130				
Benzyl alcohol	ND	5.00	"	1.00			10-117	Low Bias			
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	1.24	0.500	"	1.00		124	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	1.05	0.0500	"	1.00		105	32-124				
Cresols, total	ND	15.0	"	2.00			30-130	Low Bias			
Dibenzo(a,h)anthracene	0.930	0.0500	"	1.00		93.0	16-133				
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Diphenylamine	ND	5.00	"	1.00			40-140	Low Bias			
Fluoranthene	1.01	0.0500	"	1.00		101	32-121				
Fluorene	0.950	0.0500	"	1.00		95.0	28-118				
Hexachlorobenzene	0.820	0.0200	"	1.00		82.0	23-124				
Hexachlorobutadiene	0.960	0.500	"	1.00		96.0	15-123				
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	0.900	0.500	"	1.00		90.0	18-115				
Indeno(1,2,3-cd)pyrene	0.950	0.0500	"	1.00		95.0	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.890	0.0500	"	1.00		89.0	18-120				
Nitrobenzene	0.870	0.250	"	1.00		87.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachloronitrobenzene	ND	5.00	"				40-140				
Pentachlorophenol	0.830	0.250	"	1.00		83.0	10-156				
Phenanthrene	0.940	0.0500	"	1.00		94.0	24-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10052 - EPA 3510C											
LCS (BE10052-BS2)								Prepared: 05/03/2021 Analyzed: 05/04/2021			
Phenol	ND	5.00	ug/L	1.00			10-110	Low Bias			
Pyrene	1.00	0.0500	"	1.00		100	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				
LCS Dup (BE10052-BSD1)								Prepared: 05/03/2021 Analyzed: 05/04/2021			
1,1-Biphenyl	19.5	5.00	ug/L	25.0		78.1	33-95		2.93	20	
1,2,4,5-Tetrachlorobenzene	16.7	5.00	"	25.0		66.8	26-120		2.54	20	
1,2,4-Trichlorobenzene	15.5	5.00	"	25.0		61.8	20-118		4.37	20	
1,2-Dichlorobenzene	16.6	5.00	"	25.0		66.2	29-111		3.44	20	
1,2-Diphenylhydrazine (as Azobenzene)	19.9	5.00	"	25.0		79.8	16-141		2.96	20	
1,3-Dichlorobenzene	15.5	5.00	"	25.0		62.0	23-117		4.42	20	
1,4-Dichlorobenzene	16.2	5.00	"	25.0		64.8	30-105		2.92	20	
1-Methylnaphthalene	18.2	5.00	"	25.0		72.8	40-140		7.15	20	
2,3,4,6-Tetrachlorophenol	23.1	5.00	"	25.0		92.4	30-130		2.39	20	
2,4,5-Trichlorophenol	18.7	5.00	"	25.0		74.7	32-114		1.46	20	
2,4,6-Trichlorophenol	18.6	5.00	"	25.0		74.2	35-118		1.60	20	
2,4-Dichlorophenol	16.6	5.00	"	25.0		66.6	25-116		4.98	20	
2,4-Dimethylphenol	17.1	5.00	"	25.0		68.4	15-116		4.40	20	
2,4-Dinitrophenol	21.3	5.00	"	25.0		85.2	10-170		6.89	20	
2,4-Dinitrotoluene	24.1	5.00	"	25.0		96.4	41-128		2.95	20	
2,6-Dinitrotoluene	21.0	5.00	"	25.0		83.8	45-116		0.856	20	
2-Chloronaphthalene	16.8	5.00	"	25.0		67.2	33-112		2.82	20	
2-Chlorophenol	14.9	5.00	"	25.0		59.8	15-120		3.49	20	
2-Methylnaphthalene	18.8	5.00	"	25.0		75.2	24-118		5.18	20	
2-Methylphenol	13.7	5.00	"	25.0		54.9	10-110		5.11	20	
2-Nitroaniline	22.8	5.00	"	25.0		91.4	34-129		3.43	20	
2-Nitrophenol	18.1	5.00	"	25.0		72.4	28-118		6.73	20	
3- & 4-Methylphenols	11.3	5.00	"	25.0		45.3	10-107		1.84	20	
3,3-Dichlorobenzidine	23.1	5.00	"	25.0		92.5	15-187		3.65	20	
3-Nitroaniline	19.9	5.00	"	25.0		79.5	24-134		1.30	20	
4,6-Dinitro-2-methylphenol	23.8	5.00	"	25.0		95.2	10-153		5.08	20	
4-Bromophenyl phenyl ether	17.1	5.00	"	25.0		68.4	34-120		2.55	20	
4-Chloro-3-methylphenol	17.7	5.00	"	25.0		70.7	20-120		5.18	20	
4-Chloroaniline	14.2	5.00	"	25.0		56.6	10-147		5.83	20	
4-Chlorophenyl phenyl ether	17.2	5.00	"	25.0		68.8	27-121		0.695	20	
4-Nitroaniline	22.4	5.00	"	25.0		89.6	13-134		0.0447	20	
4-Nitrophenol	10.0	5.00	"	25.0		40.0	10-131		2.12	20	
Acetophenone	20.6	5.00	"	25.0		82.5	25-110		2.30	20	
Aniline	10.6	5.00	"	25.0		42.4	10-117		10.9	20	
Benzaldehyde	21.6	5.00	"	25.0		86.2	29-117		4.58	20	
Benzoic acid	4.36	5.00	"	25.0		17.4	30-130	Low Bias	27.8	20	Non-dir.
Benzyl alcohol	13.2	5.00	"	25.0		52.9	10-117		6.44	20	
Benzyl butyl phthalate	24.4	5.00	"	25.0		97.8	29-133		2.11	20	
Bis(2-chloroethoxy)methane	17.9	5.00	"	25.0		71.7	10-154		2.43	20	
Bis(2-chloroethyl)ether	18.2	5.00	"	25.0		72.6	17-125		5.15	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10052 - EPA 3510C											
LCS Dup (BE10052-BSD1)									Prepared: 05/03/2021 Analyzed: 05/04/2021		
Bis(2-chloroisopropyl)ether	17.5	5.00	ug/L	25.0		70.0	10-139		6.15	20	
Caprolactam	4.27	5.00	"	25.0		17.1	10-137		3.90	20	
Carbazole	22.4	5.00	"	25.0		89.5	42-126		1.90	20	
Cresols, total	25.1	15.0	"	50.0		50.1	30-130		3.64	20	
Dibenzofuran	18.6	5.00	"	25.0		74.2	36-113		0.698	20	
Diethyl phthalate	20.2	5.00	"	25.0		80.8	38-115		0.297	20	
Dimethyl phthalate	18.8	5.00	"	25.0		75.1	38-129		0.266	20	
Di-n-butyl phthalate	22.2	5.00	"	25.0		88.9	31-120		2.53	20	
Di-n-octyl phthalate	27.2	5.00	"	25.0		109	21-149		2.98	20	
Diphenylamine	24.1	5.00	"	25.0		96.6	40-140		1.64	20	
Hexachlorocyclopentadiene	13.8	10.0	"	25.0		55.1	10-130		8.08	20	
Isophorone	18.3	5.00	"	25.0		73.1	25-127		5.01	20	
N-nitroso-di-n-propylamine	18.4	5.00	"	25.0		73.6	26-122		0.600	20	
N-Nitrosodiphenylamine	24.1	5.00	"	25.0		96.6	23-149		2.17	20	
Pentachloronitrobenzene	21.5	5.00	"	25.0		86.1	40-140		1.26	20	
Phenol	7.44	5.00	"	25.0		29.8	10-110		4.98	20	
Pyridine	5.10	5.00	"	25.2		20.2	10-90		7.95	20	
Surrogate: SURR: 2-Fluorophenol	*16.2*		*"*	*50.0*		*32.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.1*		*"*	*50.0*		*22.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.4*		*"*	*25.0*		*65.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.0*		*"*	*25.0*		*63.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*39.5*		*"*	*50.0*		*79.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.9*		*"*	*25.0*		*79.8*	*30.7-106*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10086 - EPA 3550C											
Blank (BE10086-BLK2)								Prepared: 05/04/2021 Analyzed: 05/05/2021			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0698*		"	*0.0664*		*105*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0528*		"	*0.0664*		*79.5*	*30-120*				
LCS (BE10086-BS2)								Prepared: 05/04/2021 Analyzed: 05/05/2021			
Aroclor 1016	0.353	0.0166	mg/kg wet	0.332		106	40-130				
Aroclor 1260	0.331	0.0166	"	0.332		99.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0545*		"	*0.0664*		*82.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0419*		"	*0.0664*		*63.0*	*30-120*				
Matrix Spike (BE10086-MS2)	*Source sample: 21D1358-01 (Matrix Spike)							Prepared: 05/04/2021 Analyzed: 05/05/2021			
Aroclor 1016	0.295	0.0168	mg/kg dry	0.336	ND	87.7	40-140				
Aroclor 1260	0.282	0.0168	"	0.336	ND	84.0	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0544*		"	*0.0672*		*81.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0450*		"	*0.0672*		*67.0*	*30-120*				
Matrix Spike Dup (BE10086-MSD2)	*Source sample: 21D1358-01 (Matrix Spike Dup)							Prepared: 05/04/2021 Analyzed: 05/05/2021			
Aroclor 1016	0.292	0.0168	mg/kg dry	0.336	ND	87.0	40-140		0.870	50	
Aroclor 1260	0.280	0.0168	"	0.336	ND	83.3	40-140		0.765	50	
Surrogate: Tetrachloro-m-xylene	*0.0544*		"	*0.0672*		*81.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0423*		"	*0.0672*		*63.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE10089 - EPA SW846-3510C Low Level											
Blank (BE10089-BLK2)								Prepared: 05/04/2021 Analyzed: 05/05/2021			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.190*		*"*	*0.200*		*95.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.119*		*"*	*0.200*		*59.5*	*30-120*				
LCS (BE10089-BS2)								Prepared: 05/04/2021 Analyzed: 05/05/2021			
Aroclor 1016	1.14	0.0500	ug/L	1.00		114	40-120				
Aroclor 1260	1.08	0.0500	"	1.00		108	40-120				
Surrogate: Tetrachloro-m-xylene	*0.169*		*"*	*0.200*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.143*		*"*	*0.200*		*71.5*	*30-120*				
LCS Dup (BE10089-BSD2)								Prepared: 05/04/2021 Analyzed: 05/05/2021			
Aroclor 1016	0.977	0.0500	ug/L	1.00		97.7	40-120		15.6	30	
Aroclor 1260	0.834	0.0500	"	1.00		83.4	40-120		26.0	30	
Surrogate: Tetrachloro-m-xylene	*0.136*		*"*	*0.200*		*68.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0780*		*"*	*0.200*		*39.0*	*30-120*				
Batch Y1E0442 - BE10089											
Aroclor Reference (Y1E0442-ARC1)								Prepared & Analyzed: 05/04/2021			
Surrogate: Tetrachloro-m-xylene	*0.219*		*ug/mL*	*0.200*		*110*					
Surrogate: Decachlorobiphenyl	*0.220*		*"*	*0.200*		*110*					

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11589 - EPA 3015A											
Blank (BD11589-BLK1)											Prepared: 04/29/2021 Analyzed: 04/30/2021
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BD11589-BS1)											Prepared: 04/29/2021 Analyzed: 04/30/2021
Aluminum	1.98		ug/mL	2.00		99.2	80-120				
Barium	2.02		"	2.00		101	80-120				
Calcium	1.00		"	1.00		100	80-120				
Chromium	0.199		"	0.200		99.5	80-120				
Cobalt	0.523		"	0.500		105	80-120				
Copper	0.251		"	0.250		100	80-120				
Iron	0.998		"	1.00		99.8	80-120				
Lead	0.516		"	0.500		103	80-120				
Magnesium	1.00		"	1.00		100	80-120				
Manganese	0.501		"	0.500		100	80-120				
Nickel	0.508		"	0.500		102	80-120				
Potassium	0.923		"	1.00		92.3	80-120				
Silver	0.0589		"	0.0500		118	80-120				
Sodium	0.992		"	1.00		99.2	80-120				
Vanadium	0.485		"	0.500		97.0	80-120				
Zinc	0.489		"	0.500		97.7	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11589 - EPA 3015A											
Duplicate (BD11589-DUP1)	*Source sample: 21D1343-14 (Duplicate)								Prepared: 04/29/2021 Analyzed: 04/30/2021		
Aluminum	0.769	0.0556	mg/L		0.939				19.9	20	
Barium	0.0781	0.0278	"		0.0818				4.55	20	
Calcium	152	0.0556	"		151				0.871	20	
Chromium	0.00702	0.00556	"		0.00838				17.7	20	
Cobalt	ND	0.00444	"		0.00451					20	
Copper	ND	0.0222	"		ND					20	
Iron	6.10	0.278	"		6.90				12.4	20	
Lead	0.0142	0.00556	"		0.0181				24.3	20	Non-dir.
Magnesium	14.2	0.0556	"		14.2				0.108	20	
Manganese	0.370	0.00556	"		0.380				2.59	20	
Nickel	0.0148	0.0111	"		0.0171				14.4	20	
Potassium	16.7	0.0556	"		16.5				1.09	20	
Silver	ND	0.00556	"		ND					20	
Sodium	761	0.556	"		749				1.63	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.403	0.0278	"		0.420				4.11	20	
Matrix Spike (BD11589-MS1)	*Source sample: 21D1343-14 (Matrix Spike)								Prepared: 04/29/2021 Analyzed: 04/30/2021		
Aluminum	2.92	0.0556	mg/L	2.22	0.939	89.1	75-125				
Barium	2.26	0.0278	"	2.22	0.0818	98.2	75-125				
Calcium	149	0.0556	"	1.11	151	NR	75-125	Low Bias			
Chromium	0.221	0.00556	"	0.222	0.00838	95.9	75-125				
Cobalt	0.570	0.00444	"	0.556	0.00451	102	75-125				
Copper	0.324	0.0222	"	0.278	ND	117	75-125				
Iron	7.30	0.278	"	1.11	6.90	35.9	75-125	Low Bias			
Lead	0.572	0.00556	"	0.556	0.0181	99.8	75-125				
Magnesium	14.8	0.0556	"	1.11	14.2	59.5	75-125	Low Bias			
Manganese	0.924	0.00556	"	0.556	0.380	98.0	75-125				
Nickel	0.603	0.0111	"	0.556	0.0171	105	75-125				
Potassium	17.3	0.0556	"	1.11	16.5	74.6	75-125	Low Bias			
Silver	0.0656	0.00556	"	0.0556	ND	118	75-125				
Sodium	726	0.556	"	1.11	749	NR	75-125	Low Bias			
Vanadium	0.545	0.0111	"	0.556	ND	98.0	75-125				
Zinc	0.972	0.0278	"	0.556	0.420	99.3	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11589 - EPA 3015A											
Post Spike (BD11589-PS1)	*Source sample: 21D1343-14 (Post Spike)							Prepared: 04/29/2021 Analyzed: 04/30/2021			
Aluminum	3.04		ug/mL	2.00	0.845	110	75-125				
Barium	2.27		"	2.00	0.0736	110	75-125				
Calcium	137		"	1.00	136	148	75-125	High Bias			
Chromium	0.222		"	0.200	0.00754	107	75-125				
Cobalt	0.574		"	0.500	0.00406	114	75-125				
Copper	0.323		"	0.250	0.0190	122	75-125				
Iron	7.38		"	1.00	6.21	117	75-125				
Lead	0.560		"	0.500	0.0163	109	75-125				
Magnesium	13.9		"	1.00	12.8	111	75-125				
Manganese	0.894		"	0.500	0.342	110	75-125				
Nickel	0.607		"	0.500	0.0154	118	75-125				
Potassium	16.0		"	1.00	14.8	119	75-125				
Silver	0.0351		"	0.0500	0.000117	70.0	75-125	Low Bias			
Sodium	680		"	1.00	674	545	75-125	High Bias			
Vanadium	0.546		"	0.500	0.00283	109	75-125				
Zinc	0.951		"	0.500	0.378	115	75-125				
Batch BD11642 - EPA 3050B											
Blank (BD11642-BLK1)								Prepared: 04/29/2021 Analyzed: 05/04/2021			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11642 - EPA 3050B											
Duplicate (BD11642-DUP1)	*Source sample: 21D1316-05 (Duplicate)								Prepared: 04/29/2021 Analyzed: 05/04/2021		
Aluminum	1370	5.27	mg/kg dry		1340				2.71	35	
Antimony	ND	2.64	"		ND					35	
Arsenic	ND	1.58	"		ND					35	
Barium	6.60	2.64	"		6.90				4.48	35	
Beryllium	ND	0.053	"		ND					35	
Cadmium	ND	0.316	"		ND					35	
Calcium	4860	5.27	"		2240				73.9	35	Non-dir.
Chromium	5.08	0.527	"		6.78				28.7	35	
Cobalt	2.09	0.422	"		2.21				5.17	35	
Copper	16.9	2.11	"		16.7				1.74	35	
Iron	5750	26.4	"		6040				5.06	35	
Lead	7.36	0.527	"		10.1				30.9	35	
Magnesium	1670	5.27	"		732				78.2	35	Non-dir.
Manganese	48.9	0.527	"		53.1				8.19	35	
Nickel	2.35	1.05	"		2.60				9.96	35	
Potassium	233	5.27	"		200				15.3	35	
Selenium	ND	2.64	"		ND					35	
Silver	ND	0.527	"		ND					35	
Sodium	1380	52.7	"		1160				17.5	35	
Thallium	ND	2.64	"		ND					35	
Vanadium	12.5	1.05	"		12.3				1.89	35	
Zinc	45.0	2.64	"		46.7				3.79	35	
Matrix Spike (BD11642-MS1)	*Source sample: 21D1316-05 (Matrix Spike)								Prepared: 04/29/2021 Analyzed: 05/04/2021		
Aluminum	1170	5.27	mg/kg dry	211	1340	NR	75-125	Low Bias			
Antimony	16.7	2.64	"	26.4	ND	63.2	75-125	Low Bias			
Arsenic	204	1.58	"	211	ND	96.6	75-125				
Barium	216	2.64	"	211	6.90	99.3	75-125				
Beryllium	4.87	0.053	"	5.27	ND	92.3	75-125				
Cadmium	5.18	0.316	"	5.27	ND	98.3	75-125				
Calcium	1710	5.27	"	105	2240	NR	75-125	Low Bias			
Chromium	27.5	0.527	"	21.1	6.78	98.3	75-125				
Cobalt	55.2	0.422	"	52.7	2.21	101	75-125				
Copper	39.0	2.11	"	26.4	16.7	84.9	75-125				
Iron	3340	26.4	"	105	6040	NR	75-125	Low Bias			
Lead	74.0	0.527	"	52.7	10.1	121	75-125				
Magnesium	539	5.27	"	105	732	NR	75-125	Low Bias			
Manganese	86.5	0.527	"	52.7	53.1	63.4	75-125	Low Bias			
Nickel	55.8	1.05	"	52.7	2.60	101	75-125				
Potassium	254	5.27	"	105	200	51.3	75-125	Low Bias			
Selenium	179	2.64	"	211	ND	85.0	75-125				
Silver	5.57	0.527	"	5.27	ND	106	75-125				
Sodium	1120	52.7	"	105	1160	NR	75-125	Low Bias			
Thallium	211	2.64	"	211	ND	100	75-125				
Vanadium	56.2	1.05	"	52.7	12.3	83.4	75-125				
Zinc	85.3	2.64	"	52.7	46.7	73.2	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11642 - EPA 3050B											
Post Spike (BD11642-PS1)	*Source sample: 21D1316-05 (Post Spike)								Prepared: 04/29/2021 Analyzed: 05/04/2021		
Aluminum	16.7		ug/mL	2.00	12.7	203	75-125	High Bias			
Antimony	0.304		"	0.250	-0.003	121	75-125				
Arsenic	2.05		"	2.00	0.003	103	75-125				
Barium	2.26		"	2.00	0.065	110	75-125				
Beryllium	0.048		"	0.0500	-0.004	95.7	75-125				
Cadmium	0.053		"	0.0500	-0.0004	105	75-125				
Calcium	25.0		"	1.00	21.2	373	75-125	High Bias			
Chromium	0.284		"	0.200	0.064	110	75-125				
Cobalt	0.584		"	0.500	0.021	113	75-125				
Copper	0.448		"	0.250	0.158	116	75-125				
Iron	66.2		"	1.00	57.3	885	75-125	High Bias			
Lead	0.644		"	0.500	0.095	110	75-125				
Magnesium	8.72		"	1.00	6.94	178	75-125	High Bias			
Manganese	1.11		"	0.500	0.504	121	75-125				
Nickel	0.596		"	0.500	0.025	114	75-125				
Potassium	3.18		"	1.00	1.90	128	75-125	High Bias			
Selenium	1.81		"	2.00	-0.046	90.3	75-125				
Silver	0.016		"	0.0500	-0.008	32.2	75-125	Low Bias			
Sodium	13.2		"	1.00	11.0	225	75-125	High Bias			
Thallium	2.08		"	2.00	-0.015	104	75-125				
Vanadium	0.663		"	0.500	0.116	109	75-125				
Zinc	1.03		"	0.500	0.443	117	75-125				
Reference (BD11642-SRM1)									Prepared: 04/29/2021 Analyzed: 05/04/2021		
Aluminum	8090	5.00	mg/kg wet	8190		98.7	50.5-150.1				
Antimony	61.4	2.50	"	110		55.8	19-251.7				
Arsenic	160	1.50	"	162		99.0	70.1-129.8				
Barium	149	2.50	"	138		108	75-125				
Beryllium	150	0.050	"	157		95.2	75-125.2				
Cadmium	131	0.300	"	135		97.4	74.8-125.2				
Calcium	4310	5.00	"	4790		90.0	72.7-127.5				
Chromium	110	0.500	"	117		93.8	70.1-129.9				
Cobalt	93.4	0.400	"	92.6		101	75-125				
Copper	141	2.00	"	143		98.7	75.3-125.3				
Iron	13200	25.0	"	15100		87.2	35.8-164.6				
Lead	74.0	0.500	"	77.6		95.4	70-130				
Magnesium	2180	5.00	"	2320		94.0	61.7-137.8				
Manganese	324	0.500	"	319		101	78.1-122				
Nickel	84.6	1.00	"	79.9		106	70.1-130.1				
Potassium	2080	5.00	"	2050		102	59.1-140.9				
Selenium	142	2.50	"	172		82.3	55.7-144.5				
Silver	23.1	0.500	"	24.7		93.4	69.2-130.8				
Sodium	110	50.0	"	137		80.1	36.1-163.3				
Thallium	84.4	2.50	"	88.0		95.9	65.3-146.8				
Vanadium	92.8	1.00	"	99.9		92.9	67-133.1				
Zinc	292	2.50	"	312		93.6	69.9-130.1				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11590 - EPA 3015A											
Blank (BD11590-BLK1)										Prepared: 04/29/2021 Analyzed: 05/03/2021	
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BD11590-BS1)										Prepared: 04/29/2021 Analyzed: 05/03/2021	
Antimony	46.6		ug/L	50.0		93.2	80-120				
Arsenic	50.0		"	50.0		99.9	80-120				
Beryllium	49.5		"	50.0		99.0	80-120				
Cadmium	48.0		"	50.0		96.0	80-120				
Selenium	50.8		"	50.0		102	80-120				
Thallium	58.3		"	50.0		117	80-120				
Duplicate (BD11590-DUP1)	*Source sample: 21D1312-01 (FB)									Prepared: 04/29/2021 Analyzed: 05/03/2021	
Antimony	ND	1.11	ug/L		ND					20	
Arsenic	ND	1.11	"		ND					20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	1.36	1.11	"		ND					20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BD11590-MS1)	*Source sample: 21D1312-01 (FB)									Prepared: 04/29/2021 Analyzed: 05/03/2021	
Antimony	47.4		ug/L	50.0	-0.004	94.8	75-125				
Arsenic	51.0		"	50.0	0.001	102	75-125				
Beryllium	51.6		"	50.0	0.015	103	75-125				
Cadmium	49.3		"	50.0	0.003	98.6	75-125				
Selenium	48.5		"	50.0	-0.464	97.0	75-125				
Thallium	57.8		"	50.0	0.018	116	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11578 - EPA 7473 soil											
Blank (BD11578-BLK1)								Prepared & Analyzed: 04/29/2021			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BD11578-DUP1)	*Source sample: 21D1312-05 (B-1 7-14 ft)							Prepared & Analyzed: 04/29/2021			
Mercury	ND	0.0320	mg/kg dry		ND					35	
Matrix Spike (BD11578-MS1)	*Source sample: 21D1312-05 (B-1 7-14 ft)							Prepared & Analyzed: 04/29/2021			
Mercury	0.450		mg/kg	0.500	0.0153	86.9	75-125				
Reference (BD11578-SRM1)								Prepared & Analyzed: 04/29/2021			
Mercury	20.000		mg/kg	27.2		73.5	59.9-140.1				
Batch BD11646 - EPA 7473 soil											
Blank (BD11646-BLK1)								Prepared: 04/29/2021 Analyzed: 04/30/2021			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BD11646-DUP1)	*Source sample: 21D1316-15 (Duplicate)							Prepared: 04/29/2021 Analyzed: 04/30/2021			
Mercury	ND	0.0394	mg/kg dry		ND					35	
Matrix Spike (BD11646-MS1)	*Source sample: 21D1316-15 (Matrix Spike)							Prepared: 04/29/2021 Analyzed: 04/30/2021			
Mercury	0.473		mg/kg	0.500	0.0104	92.5	75-125				
Reference (BD11646-SRM1)								Prepared: 04/29/2021 Analyzed: 04/30/2021			
Mercury	28.473		mg/kg	27.2		105	59.9-140.1				
Batch BD11648 - EPA SW846-7470A											
Blank (BD11648-BLK1)								Prepared & Analyzed: 04/30/2021			
Mercury	ND	0.0002	mg/L								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11648 - EPA SW846-7470A											
LCS (BD11648-BS1)								Prepared & Analyzed: 04/30/2021			
Mercury	0.002015	0.0002	mg/L	0.00200		101	80-120				
LCS (BD11648-BS2)								Prepared & Analyzed: 04/30/2021			
Mercury	0.002049	0.0002	mg/L	0.00200		102	80-120				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD11665 - % Solids Prep											
Duplicate (BD11665-DUP1)	*Source sample: 21D1312-12 (B-3 4 ft)								Prepared & Analyzed: 04/30/2021		
% Solids	82.3	0.100	%		79.8				3.15	20	
Batch BD11667 - % Solids Prep											
Duplicate (BD11667-DUP1)	*Source sample: 21D1313-16 (Duplicate)								Prepared & Analyzed: 04/30/2021		
% Solids	81.2	0.100	%		80.5				0.813	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21D1312-01	FB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1312-02	TB	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21D1312-04	B-1 6 ft	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
21D1312-06	B-1 14 ft	40mL Vial with Stir Bar-Cool 4° C
21D1312-08	B-2 3 ft	40mL Vial with Stir Bar-Cool 4° C
21D1312-10	B-2 7 ft	40mL Vial with Stir Bar-Cool 4° C
21D1312-12	B-3 4 ft	40mL Vial with Stir Bar-Cool 4° C
21D1312-14	B-3 8 ft	40mL Vial with Stir Bar-Cool 4° C
21D1312-16	B-3 12 ft	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

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

NOTE: 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.

YORK Project No. 21D1312

YOUR Information	Report To:	Invoice To:
Company: Tectonic Engineering	Company: Tectonic Engineering	Company: Tectonic Engineering
Address: 70 Pleasant Hill Road, Mountainville, NY 10953	Address: 70 Pleasant Hill Road, Mountainville, NY 10953	Address: 70 Pleasant Hill Road, Mountainville, NY 10953
Phone: 845-534-5959	Phone: 845-534-5959	Phone: 845-534-5959
Contact: Chris Callinan	Contact: Chris Callinan	Contact: Accounts Payable
E-mail: CCallinan@tectonicengineering.com	E-mail: CCallinan@tectonicengineering.com	E-mail: AP@tectonicengineering.com

YOUR Project Number: 9684.01

YOUR Project Name: Strong Building

YOUR PO#: 177593

Turn-Around Time
- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- Standard (5-7 Day) ■

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.

Samples Collected by: (print your name above and sign below) Anna Peoples

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York ■
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report, QA Report, NY ASP A Package, NY ASP B Package
CT RCP, CT RCP DQA/DUE, NJDEP Reduced, Deliverables, NJDKQP
Standard Excel EDD, EQuIS (Standard), NYSDEC EQuIS, NJDEP SRP HazSite, Other:

YORK Reg. Comp.
Compared to the following Regulation(s): NY 375

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
FB	W	4/28/2021 0900	VOC, SVOC, PCB, Metals	Water: 40mL vials/1L Amber 250mL plastic
~~B~~ TB	W		VOC	~~5 Day~~
B-1 0-7 ft		0915	SVOC, PCB, Metals	Soil: 4 VOC vials + 2 8oz jars
B-1 6ft		0915	VOC	
B-1 7-14 ft		0930	SVOC, PCB, Metals	
B-1 14 ft		0930	VOC	TB = 40mL vials for VOC
B-2 0-3.5 ft		1000	SVOC, PCB, Metals	
B-2 3ft		1000	VOC	
B-2 3.5-7 ft		1010	SVOC, PCB, Metals	
B-2 7ft		1010	VOC	

Comments:

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

Special Instruction
Field Filtered ___
Lab to Filter ___

1 Samples Relinquished by / Company: Anna Peoples Tectonic	Date/Time: 4/28/2021	1 Samples Received by / Company: Tectonic	Date/Time: 4/28/21 1345
2 Samples Relinquished by / Company: Tectonic	Date/Time: 4/28 1648	2 Samples Received by / Company:	Date/Time:
3 Samples Relinquished by / Company:	Date/Time:	3 Samples Received by / Company:	Date/Time:
4 Samples Relinquished by / Company:	Date/Time:	4 Samples Received by / Company:	Date/Time:
		Samples Received in LAB by:	Date/Time: 4/28/21 1648 Temp. Received at Lab: 5.3 Degrees C

York Analytical Laboratories, Inc.
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www.yorklab.com

Field Chain-of-Custody Record

NOTE: 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.

YORK Project No. 21D1312

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Tectonic Engineering	Company: Tectonic Engineering	Company: Tectonic Engineering	9684.01	RUSH - Next Day
Address: 70 Pleasant Hill Road, Mountainville, NY 10953	Address: 70 Pleasant Hill Road, Mountainville, NY 10953	Address: 70 Pleasant Hill Road, Mountainville, NY 10953	YOUR Project Name: Strong Building	RUSH - Two Day
Phone: 845-534-5959	Phone: 845-534-5959	Phone: 845-534-5959		RUSH - Three Day
Contact: Chris Callinan	Contact: Chris Callinan	Contact: Accounts Payable		RUSH - Four Day
E-mail: CCallinan@tectonicengineering.com	E-mail: CCallinan@tectonicengineering.com	E-mail: AP@tectonicengineering.com	YOUR PO#: 177593	Standard (5-7 Day) ■

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.

Samples Collected by: (print your name above and sign below)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil; Other

Samples From: New York ■; New Jersey; Connecticut; Pennsylvania; Other

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced; Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp. Compared to the following Regulation(s): NYS 375

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
B-3 0-4.5ft	S	4/28/2021 1020	VOC, SVOC, PCB, Metals	VOC = terracore vials
B-3 4ft		1020	VOC	
B-3 4.5-9ft		1030	SVOC, PCB, Metals	
B-3 8ft		1030	VOC	Remaining = 2 8oz jars
B-3 9-14ft		1040	SVOC PCB, Metals	
B-3 12ft		1040	VOC	

Comments:

Preservation: (check all that apply) HCl X; MeOH X; HNO_3 X; H_2SO_4 ___; NaOH ___; ZnAc ___; Ascorbic Acid ___; Other: Ice

Special Instruction: Field Filtered ___; Lab to Filter ___

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	4/28/2021 1345	[signature]	4/28/21 1345	[signature]	04/28 1648
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				[signature]	4/28/21 1648 / 5.3 Degrees C

APPENDIX E – Previous Reports

Note: For BCP Application, Tectonic Phase II ESA provided as separate standalone document