

## **Phase II Environmental Site Assessment**

**431 Concord Avenue  
Bronx, NY  
Block 2578, Lot 16 and 18**

**February 2020**

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# Executive Summary

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The purpose of this Phase 2 investigation was to establish existing soil, soil vapor and ground water quality conditions and a comparison to relevant regulatory agency and standard practice guidelines and standards. A Phase 2 Environmental Investigation Work Plan and Health and Safety Plan (HASP) were prepared which outlined the means and methods of the subsurface investigation. All work was completed in accordance with ASTM E1903-97 Standard Guide for Environmental Site Assessments: Phase 2 Environmental Site Assessment Process.

A subsurface investigation work plan was developed. The scope of work was implemented to determine whether the subsurface soil, water and soil vapor quality conditions at the subject property. The scope of work included the following elements:

- Completed a geophysical investigation which included an electromagnetic survey and ground penetrating radar (GPR) survey.
- Performed five (5) soil test borings (B-1, B-2, B-3, B-4 and B-5) and collected two soil samples from each soil boring location a surface (0 - 2ft) and a deeper sample from (10 - 12ft) or to the depth top of bedrock to match the excavation depth of the proposed buildings.
- Installed one (1) temporary groundwater monitoring well (GW-1).
- Collected three soil vapor samples (SV-1, SV-2 and SV-3) at a depth of the each proposed building foundation depth.
- Prepared a written comprehensive report of findings.

## Conclusions

An Electromagnetic (EM) Magnetometer survey was conducted in an attempt to identify any possible unknown magnetic anomalies such as underground storage tanks (USTs) on the site. ESC used a Fisher TW-6 magnetometer in the inductive phase mode over the property accessible areas in an overlapping grid pattern. The results of the survey indicated no evidence of any magnetic anomalies indicative of USTs.

The results of this subsurface investigation have found urban fill soil with semi-volatile organic PAH compounds and total metals above restricted use cleanup objectives. No volatile organic compounds, pesticides or PCBs were found above unrestricted soil cleanup levels. The PAH and metals presence is not a result of historical spills, commercial or industrial process releases related to the prior site occupancy or uses. It's from historical fill placement and is limited in vertical extent to only the fill soils found onsite. Below the fill soils is native weathered and consolidated bedrock which meets NYSDEC Part 375 unrestricted soil cleanup standards.

No groundwater was sampled on the property. No groundwater is anticipated to be encountered during the proposed development therefore no de-watering activity is anticipated during foundation excavation.

Results of the soil vapor investigation identified low concentrations of volatile organic compounds (VOCs) related to petroleum compounds above laboratory method detection limits. These VOC's are likely resulting from the urban fill materials and interchange with the ambient air surrounding the project site and adjacent neighborhood. The soil vapor conditions found are common of what is usually measured in shallow soils in the metropolitan New York neighborhoods. The concentration of chlorinated volatile organic compounds (CVOCs) are below the New York State Department of Health (NYSDOH) soil vapor Matrix concentrations (May 2017) and require no further action.

### **Recommendations**

There are no recommendations for additional testing or remedial action being made at this time. Urban fill and native soil or excavated bedrock exported offsite should be disposed in accordance with New York State Department of Environmental Conservation (NYSDEC) Part 365 regulations.

The new building construction should have an engineered polyethylene vapor barrier under occupied areas of the building. The vapor barrier should be a minimum thickness of 20 mils under the foundation slab and foundation sidewalls in order to prevent any potential vapor migration into the building structure.

A Remedial Action Plan (RAP) detailing the installation of a vapor barrier and a Construction Health and Safety Plan (CHASP) should be written describing the means and methods for the vapor barrier installation and excavation and disposal of impacted soils.

# 1. Introduction

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The purpose of this Phase 2 investigation was to establish existing soil, soil vapor and ground water quality conditions and a comparison to relevant regulatory agency and standard practice guidelines and standards. A Phase 2 Environmental Investigation Work Plan and Health and Safety Plan (HASP) were prepared which outlined the means and methods of the subsurface investigation. All work was completed in accordance with ASTM E1903-97 Standard Guide for Environmental Site Assessments: Phase 2 Environmental Site Assessment Process.

## 1.1 Property Description and Previous Reports

The property (Block 2578, lots 16 & 18) consists of 13,750 square feet located along Concord Avenue between East 144<sup>th</sup> and East 145<sup>th</sup> Streets. The property has approximately 125 feet of frontage along Concord Avenue and a depth of approximately 110 feet. Lot 16 - The 5,500 square foot lot at 439 Concord Avenue is developed with a one-story approximately 1,988 gsf church (Movimiento de Iglesias Pentecostes) and a two-story vacant and heavily fire damaged building that was formerly occupied by a church (Dias de Culto) and a residential unit. The fire damaged structure is under full vacate order from the Fire Department of New York (FDNY). Lot 18 - This 8,250 square foot lot at 431 Concord Avenue consists of vacant undeveloped land. A Phase 1 Environmental Site Assessment (ESA) was performed. The results of the ESA revealed recognized environmental conditions (REC)s based upon historic onsite and offsite uses which could have the potential to cause environmental impacts to the subject property. The New York City Department of Environmental Protection (NYCDEP) requested that a Phase II Environmental Site Assessment is necessary to adequately identify and characterize the surface and subsurface soils, soil vapor and ground water. Based upon the historic on-site and surrounding land uses testing of the subsurface soil vapor, soil, and ground water were proposed to establish baseline existing conditions.

## 1.2 Proposed Development

The proposed project is the development of a new 11-story, 115-foot tall, 87,369 gross square foot (gsf) residential building with approximately 92 affordable residential dwelling units and 29 accessory parking spaces. The Applicant has chosen Option 2 under the MIH Text Amendment provisions applicable to the Proposed Actions under which 27 of the 92 units would be considered affordable for residents with incomes averaging 80% of Area Median Income (AMI). The final MIH Option will be chosen by the City Council through the ULURP process. For the purposes of the CEQR analysis, it is assumed that the building's 79,027 gsf of occupied residential floor area would

convert to 93 dwelling units based on the standard average unit size of 850 sf. For the purposes of a conservative analysis, the EAS assumes that 20% of the residential floor area as applied to the RWCDs 93 dwelling units would be reserved as affordable to households with incomes at or below 80% of the AMI resulting in 19 affordable units.

### **1.3 Health and Safety Plan (HASP)**

ESC prepared a site specific Health and Safety Plan for this Phase II Environmental Subsurface Investigation. A copy of the HASP was present during the investigation. The HASP assigned responsibilities, established personal protection standards, recommended operating procedures, and provided for contingencies that may arise during performance of the assessment at the site. The protocols in the HASP apply to all personnel involved in the work activities, all outside subcontractors, client, or regulatory agencies present during the performance of the work.

## 2. Scope of Work

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A subsurface investigation work plan was developed. The scope of work was implemented to determine whether the subsurface soil, water and soil vapor quality conditions at the subject property. The scope of work included the following elements:

- Completed a geophysical investigation which included an electromagnetic survey and ground penetrating radar (GPR) survey.
- Performed five (5) soil test borings (B-1, B-2, B-3, B-4 and B-5) and collected two soil samples from each soil boring location a surface (0 - 2ft) and a deeper sample from (10 - 12ft) or to the depth top of bedrock to match the excavation depth of the proposed buildings.
- Installed one (1) temporary groundwater monitoring well (GW-1).
- Collected three soil vapor samples (SV-1, SV-2 and SV-3) at a depth of the each proposed building foundation depth.
- Prepared a written comprehensive report of findings.

The sample collection locations are shown on **Figure 1**.

Photographs taken during the implementation of the scope of work are included as **Appendix A**.

### 2.1 Geophysical Survey

An Electromagnetic (EM) Magnetometer survey was conducted in an attempt to identify any possible unknown magnetic anomalies such as underground storage tanks (USTs) on the site. ESC used a Fisher TW-6 magnetometer in the inductive phase mode over the property accessible areas in an overlapping grid pattern. The results of the survey indicated no evidence of any magnetic anomalies indicative of USTs.

### 2.2 Soil Testing

A total of five soil test borings (B-1, B-2, B-3, B-4 and B-5) were conducted on the subject property using a Geoprobe direct-push drilling rig. A total of 10 soil samples were collected from the borings and sent to the laboratory for analysis. Two soil samples were collected from each soil boring location. One soil sample was collected from the surface at a depth of 0- 2 feet, and another deeper soil sample was collected at a depth 10-12 feet below surface grade elevation. One sample was collected at the top of bedrock because of drilling refusal at a depth of four feet below ground surface. Bedrock was found to outcrop along the western half of the property. Along the eastern

half of the property bedrock is found at a depth ranging from 4–12 feet below surface grade. No groundwater was found resting or perched on top of the bedrock. The boreholes were drilled into soil and screened using 1-inch diameter machine slotted (0.20 slot) schedule 40 PVC screen and riser pipe.

**Table 1** shows a summary of the analytical laboratory results and a comparison to NYSDEC Part 375 Soil Cleanup Objectives (SCOs). The analytical laboratory data results package is presented in **Appendix B**. **Figure 1** shows the location of the soil borings performed on the subject property. The soil boring and groundwater log reports which show the field observations found at each sample collection location is presented in **Appendix C**.

The soil was characterized and logged for potential impacts (e.g., odor, staining, anthropogenic materials and other observations) and screened for volatile organic vapors with a photoionization detector (PID). All soil samples were analyzed for the following parameters:

- Volatile Organic Compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260
- Semi-Volatile Organic Compounds by USEPA Method 8270 BN
- Pesticides/Polychlorinated Biphenyls (PCBs) using USEPA Method 8081/8082
- Target Analyte List (TAL) Metals

## 2.3 Groundwater

In order to evaluate the groundwater quality underlying the site one (1) temporary groundwater monitoring well (GW-1) was constructed of one-inch slotted PVC and schedule 40 PVC riser pipe installed in a cased borehole. No groundwater was found to develop in these monitoring wells therefore no groundwater was collected during this investigation. Bedrock was found to outcrop along the western half of the property. Along the eastern half of the property bedrock is found at a depth ranging from 4–12 feet below surface grade. No groundwater was found resting or perched on top of the bedrock. It was concluded that no significant groundwater exists on site within the near surface or shallow bedrock surface.

## 2.4 Soil Vapor Testing

Soil vapor probes (SV-1, SV-2 and SV-3) were installed ranging in depth from 10 to 12 feet. Soil vapor samples were collected via dedicated polyethylene tubing and Summa Canisters, tested for VOCs using USEPA TO-15 method parameters. Locations of soil vapor samples are indicated on **Figure 1**. **Table 2** shows a summary of the analytical laboratory results.



The soil vapor points were installed using 1-inch diameter steel drill rods advanced using direct-push drilling methods. The soil vapor probe consisted of a prefabricated 2-3 inch perforated vapor probe tip attached to 3/8-inch diameter low-density polyethylene (LDPE) plastic riser tubing. Once driven to completion depth, the rods were removed leaving only the tip and the tubing. The vapor probe boreholes were backfilled with #2 morie well grade gravel. A surface seal was placed using an impermeable bentonite clay seal installed within the last six inches of the probe-hole annulus from surface grade level. The vapor wells were measured and purged using a photoionization detector (PID) prior to sampling. The soil vapor probe samples were connected for sampling to 6-liter Summa canisters set to collect for a two-hour time period. Helium tracer gas was used before sampling and after the sampling event to confirm a proper surface seal of the vapor probes.

## **2.5 Field and Sampling Protocols**

The field sampling techniques employed at the subject property are detailed in the standard operating procedures (SOPs) and work plan. All efforts were made to eliminate possible sample contamination and maximize the reliability of the analytical results. These efforts included proper use and cleaning of sampling equipment and sample containers to eliminate sample contamination; the use of standardized sampling procedures including decontamination of equipment; and use of chain-of-custody procedures to track the samples from source to analysis and minimize the opportunity for tampering.

### **2.5.1 Decontamination Procedures**

#### **2.5.1.1 Sampling Equipment**

All re-usable sampling equipment used for laboratory sample collection underwent a thorough decontamination process. Disposable equipment was used whenever possible. The following steps outline the field decontamination procedures: Non-phosphate soap and tap water wash, Tap water rinse, Dilute nitric acid rinse (for samples to be analyzed for metals), Tap water rinse. Methanol rinse, and a final distilled water rinse.

#### **2.5.2 Sampling Methodology**

All sample collection activities were conducted so as to obtain reliable information regarding subsurface conditions. Following sample collection, soil and groundwater sampling jars were immediately placed in a cooler and kept at 4°C until arrival at the laboratory.

### 2.5.3 Sample Custody

The purpose of monitoring the chain-of-custody of a sample is to ensure that proper sample handling requirements have been met for representative samples prior to their analysis, and to document the record of custody from the moment of sample collection to analysis and sample disposal. The handling requirements, as set forth by New York State Department of Environmental Conservation (NYSDEC) and USEPA guidelines, such as sample preservation techniques and sample holding times.

As per the requirements of the Environmental Laboratory Approval Program (ELAP) certified laboratory and the NYSDEC, a Chain-of-Custody Record was maintained and accompanied the laboratory shuttle from the moment of the container dedication until the time of the corresponding analyses. A laboratory delivery of a sample container shuttle to the sampler, therefore, requires that a Chain-of-Custody Record is initiated by the authorized laboratory representative relinquishing the shuttle, and the time and date of the transfer documented. The record of this transfer is proof that the containers, which were used for sample storage, have been dedicated by the laboratory prior to their delivery, and in accordance with the quality controls governing the analyses of the collected samples.

After their collection and storage, the necessary field notes were recorded in the Chain-of-Custody and were properly preserved in the shuttle until their transfer to the laboratory for analysis. The transfer was accompanied by the same Chain-of-Custody Record, which was completed to identify the sample identification numbers, quantities, and physical description of the samples, and the particular analyses requested. The name of the sampler who relinquished the shuttle, the time and date of the transfer, and the laboratory representative assuming responsibility for transporting the shuttle to the laboratory inspected the samples to document sample preservation, noted any discrepancies between the samples and chain-of-custody, and assigned a laboratory identification number and logged the laboratory number into the sample inventory system.

## 2.6 Laboratory Analysis

York Analytical Laboratories, Inc. (National Environmental Laboratory Accreditation Program [NELAP] Approved NY Lic. #10854), a New York State Department of Health (NYSDOH) approved laboratory was used for all analysis. The laboratory operates a QA/QC program that consists of proper laboratory practices (including the required chain-of-custody), an internal quality control program, and external quality control audits by New York State.

Laboratory QA/QC procedures include:

- Verification and/or validation of equipment according to National Institute of Standards and Technology (NIST).
- Regular calibrations and use of reference standards on instruments used for sample analysis.
- Adherence to sample acceptance policy; meaning, samples will not be analyzed if any of the following are encountered: damaged or leaking samples or samples improperly preserved (i.e., no preservative in sample if necessary and/or samples not kept at proper temperature if analysis requires).
- Prior to analysis, samples are to be stored according to SOPs.
- Analysis of Quality Control Samples including: laboratory control blanks, matrix spikes, method blanks and laboratory duplicate samples.

### 3. Findings

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York Analytical Laboratories, Inc. prepared the results of analytical samples. The results can be found in the following tables:

**Table 1 Soil Results Summary** - presents the VOC, SVOC, Pesticide/PCB, and metals results for all soil samples collected and analyzed.

**Table 2 Soil Vapor Results Summary** - presents the VOC results for all the soil vapor and ambient air samples collected and analyzed.

The chain-of-custody records, as well as the analytical laboratory data sheets, are presented in **Appendix B** to this report.

#### Soil Quality Conditions

Urban fill disturbed soil and various fill materials such as red brick, concrete, coal slag and stone fragments was found intermixed with fine to coarse sand and gravel throughout the property to an average depth of 2.5 to 12 feet. Below this fill layer is weathered and consolidated bedrock. Bedrock was found to outcrop along the western half of the property. Along the eastern half of the property bedrock is found at a depth ranging from 4-12 feet below surface grade. No groundwater was found resting or perched on top of the bedrock. No groundwater was found in a temporary monitoring well installed due to the shallow bedrock. No petroleum type odors were observed in the fill materials or in any soil samples observed. Results of photoionization detector field screening readings which give an indication of if any volatile organic compounds (VOC) are present generally did not detect readings above instrument detection levels. The soil boring log reports which show the field observations found at each sample collection location are presented in **Appendix C**.

Based on observations noted in the field (visual, olfactory and PID readings), No petroleum or chemical type impacts at the site were identified.

Laboratory analytical results for the soil samples are shown on **Table 1**. The samples were compared to NYSDEC Soil Cleanup Objectives (SCOs) 6 NYCRR Subpart 375-6.8 (a): Unrestricted Use SCOs.

- No Volatile organic compounds (VOCs) were identified above laboratory detection limitations or unrestricted use soil cleanup objectives (UUSCOs) in the soil samples collected.

- Semi-volatile organic PAH compounds (SVOCs) were identified above Unrestricted Use Soil Cleanup Objectives (UUSCO)s and Restricted Use Soil Cleanup Objectives (RUSCO)s in the soil samples collected in sample location B-5 0-2 feet, Benzo(a)anthracene 0-2 feet (1.29 mg/kg), Benzo(b)fluoranthene (1.03 mg/kg), Benzo (a)pyrene (1.16 mg/kg), Benzo(k)fluoranthene (0.89 mg/kg), Chrysene 1.29 mg/kg and Ideno(123-cd) pyrene (0.715 mg/kg).
- The pesticides 4, 4-DDT (0.018 mg/kg) and Dieldrin (0.098 mg/kg) were identified above laboratory detection limitations or UUSCOs in the soil samples collected.
- No Polyvinyl Chlorinated Bi-phenols (PCBs) were identified above laboratory detection limitations or UUSCOs in the soil samples collected...
- Total metals exceeding the unrestricted SCO's included Barium (maximum 4,620 mg/kg), Copper (maximum 227 mg/kg), Lead (maximum 479 mg/kg), Nickel (maximum 313 mg/kg), Manganese (2,340 mg/kg maximum), Zinc (315 mg/kg maximum) and Mercury (0.3 mg/kg maximum). The concentrations of Lead, Manganese and Nickel exceeded the restricted residential use SCO's.

### **Soil Vapor Sampling**

Laboratory analytical results for the soil vapor are shown in **Table 2**. All samples were analyzed for VOCs using EPA Method TO-15.

The following compounds were found above laboratory method detection limitations in soil vapor samples collected: 1,2,4 Trimethylbenzene (7.1 ug/m<sup>3</sup> maximum), 1,3,5 Trimethylbenzene (1.7 ug/m<sup>3</sup> maximum), 1,3-Butadiene (21 ug/m<sup>3</sup> maximum), 2-Butanone (25 ug/m<sup>3</sup> maximum), 2- Hexanone (2.1 ug/m<sup>3</sup>), Acetone (32 ug/m<sup>3</sup>), Benzene (7.4 ug/m<sup>3</sup> maximum), Bromodichloromethane (16 ug/m<sup>3</sup>), Carbon Disulfide (58 ug/m<sup>3</sup>), Carbon Tetrachloride (0.4 ug/m<sup>3</sup>), Chloroform (1.2 ug/m<sup>3</sup>), Chloromethane (1/4 ug/m<sup>3</sup>), Cyclohexane (3.4g/m<sup>3</sup> maximum), Dichlorodifluoromethane (1.8 ug/m<sup>3</sup>), Ethyl Benzene (16 ug/m<sup>3</sup> maximum), Isopropanol (3.9 ug/m<sup>3</sup> maximum), Methyl Methacrylate (12 ug/m<sup>3</sup>), Methylene Chloride (1.5 ug/m<sup>3</sup> maximum), n-Heptane (18 ug/m<sup>3</sup> maximum), n-Hexane (34 ug/m<sup>3</sup> maximum), o-xylene (6 ug/m<sup>3</sup> maximum), m&p Xylene (14 ug/m<sup>3</sup> maximum), p-Ethyl toluene (4.3 ug/m<sup>3</sup> maximum), Propylene (240 ug/m<sup>3</sup> maximum), Styrene (1.7 ug/m<sup>3</sup> maximum), Tetrachloroethylene (3.9 ug/m<sup>3</sup> maximum), Tetrahydrofuran (6 ug/m<sup>3</sup> maximum), Toluene (24 ug/m<sup>3</sup> maximum), Trichlorofluoromethane (Freon) (4.9 ug/m<sup>3</sup> maximum) and Vinyl Chloride (1.0 ug/m<sup>3</sup>).

## 4. Conclusions and Recommendations

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### 4.1 Conclusions

#### Geophysical Survey

An Electromagnetic (EM) Magnetometer survey was conducted in an attempt to identify any possible unknown magnetic anomalies such as underground storage tanks (USTs) on the site. ESC used a Fisher TW-6 magnetometer in the inductive phase mode over the property accessible areas in an overlapping grid pattern. The results of the survey indicated no evidence of any magnetic anomalies indicative of USTs.

#### Soil Conditions

The results of this subsurface investigation have found urban fill soil with semi-volatile organic PAH compounds and total metals above restricted use cleanup objectives. Their presence is not a result of historical spills, commercial or industrial process releases related to the prior site occupancy or uses. It's from historical fill placement and is limited in vertical extent to only the fill soils found onsite. Below the fill soils is native weathered and consolidated bedrock which meets NYSDEC Part 375 unrestricted soil cleanup standards.

#### Groundwater Quality

No groundwater was sampled on the property. No groundwater is anticipated to be encountered during the proposed development therefore no de-watering activity is anticipated during foundation excavation.

#### Soil Vapor Conditions

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## **4.2 Recommendations**

There are no recommendations for additional testing or remedial action being made at this time. Urban fill and native soil or excavated bedrock exported offsite should be disposed in accordance with New York State Department of Environmental Conservation (NYSDEC) Part 365 regulations.

The new building construction should have an engineered polyethylene vapor barrier under occupied areas of the building. The vapor barrier should be a minimum thickness of 20 mils under the foundation slab and foundation sidewalls in order to prevent any potential vapor migration into the building structure.

A Remedial Action Plan (RAP) detailing the installation of a vapor barrier and a Construction Health and Safety Plan (CHASP) should be written describing the means and methods for the vapor barrier installation and excavation and disposal of impacted soils.

*Figure 1 – Sample Collection Location*





*Tables*

## Table 1 - Soil Results Summary

Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-1 0-2 ft		B-1 10-12 ft		B-2 0-2 ft		B-2 10-12 ft		B-3 0-2 ft		B-3 10-12 ft		B-4 0-2 ft		B-4 10-12 ft		B-5 0-2 ft		B-5 2-4 ft	
York ID	Unrestricted	Restricted																				
Sampling Date	Use Soil	Use Soil																				
Client Matrix	Cleanup	Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	Objectives	Objectives -	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor			1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000	
1,1,1,2-Tetrachloroethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1,1-Trichloroethane	0.68	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1,2,2-Tetrachloroethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloro-1,2,2-trifluoroethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1,2-Trichloroethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethane	0.27	26	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,1-Dichloroethylene	0.33	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichlorobenzene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2,3-Trichloropropane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2,4-Trichlorobenzene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2,4-Trimethylbenzene	3.6	52	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dibromo-3-chloropropane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dibromoethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dichlorobenzene	1.1	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dichloroethane	0.02	3.1	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,2-Dichloropropane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,3,5-Trimethylbenzene	8.4	52	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,3-Dichlorobenzene	2.4	49	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,4-Dichlorobenzene	1.8	13	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
1,4-Dioxane	0.1	13	0.031	U	0.053	U	0.035	U	0.032	U	0.031	U	0.035	U	0.043	U	0.033	U	0.039	U	0.039	U
2-Butanone	0.12	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
2-Hexanone	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4-Methyl-2-pentanone	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Acetone	0.05	100	0.003	U	0.005	U	0.004	U	0.003	U	0.006	U	0.004	U	0.004	U	0.003	U	0.010	U	0.004	U
Acrolein	~	~	0.003	U	0.005	U	0.004	U	0.003	U	0.003	U	0.004	U	0.004	U	0.003	U	0.004	U	0.004	U
Acrylonitrile	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Benzene	0.06	4.8	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Bromochloromethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Bromodichloromethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Bromoform	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Bromomethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Carbon disulfide	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U

## Table 1 - Soil Results Summary

Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-1 0-2 ft		B-1 10-12 ft		B-2 0-2 ft		B-2 10-12 ft		B-3 0-2 ft		B-3 10-12 ft		B-4 0-2 ft		B-4 10-12 ft		B-5 0-2 ft		B-5 2-4 ft	
York ID	Unrestricted	Restricted																				
Sampling Date	Use Soil	Use Soil																				
Client Matrix	Cleanup	Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	Objectives	Objectives -	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Carbon tetrachloride	0.76	2.4	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chlorobenzene	1.1	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chloroethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chloroform	0.37	49	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chloromethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
cis-1,2-Dichloroethylene	0.25	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
cis-1,3-Dichloropropylene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Cyclohexane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Dibromochloromethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Dibromomethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Dichlorodifluoromethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Ethyl Benzene	1	41	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Hexachlorobutadiene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Isopropylbenzene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Methyl acetate	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.006		0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Methylcyclohexane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Methylene chloride	0.05	100	0.003	U	0.007	J	0.006	J	0.003	U	0.003	J	0.009		0.004	U	0.003	U	0.004	U	0.004	U
n-Butylbenzene	12	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
n-Propylbenzene	3.9	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
o-Xylene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
p- & m- Xylenes	~	~	0.003	U	0.005	U	0.004	U	0.003	U	0.003	U	0.004	U	0.004	U	0.003	U	0.004	U	0.004	U
p-Isopropyltoluene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.013		0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
sec-Butylbenzene	11	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Styrene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
tert-Butyl alcohol (TBA)	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
tert-Butylbenzene	5.9	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Tetrachloroethylene	1.3	19	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Toluene	0.7	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
trans-1,2-Dichloroethylene	0.19	100	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
trans-1,3-Dichloropropylene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
trans-1,4-dichloro-2-butene	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Trichloroethylene	0.47	21	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Trichlorofluoromethane	~	~	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U

Table 1 - Soil Results Summary

Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-1 0-2 ft		B-1 10-12 ft		B-2 0-2 ft		B-2 10-12 ft		B-3 0-2 ft		B-3 10-12 ft		B-4 0-2 ft		B-4 10-12 ft		B-5 0-2 ft		B-5 2-4 ft	
York ID	Unrestricted	Restricted																				
Sampling Date	Use Soil	Use Soil																				
Client Matrix	Cleanup	Cleanup	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	Objectives	Objectives -	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Vinyl Chloride	0.02	0.9	0.002	U	0.003	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Xylenes, Total	0.26	100	0.005	U	0.008	U	0.005	U	0.005	U	0.005	U	0.005	U	0.006	U	0.005	U	0.006	U	0.006	U
<b>Semi-Volatiles, 8270 Base/Neutrals</b>	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>			2.000		2.000		2.000		2.000		2.000		2.000		2.000		2.000		2.000		2.000	
1,2,4-Trichlorobenzene	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
1,2-Dichlorobenzene	1.1	100	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
1,3-Dichlorobenzene	2.4	49	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
1,4-Dichlorobenzene	1.8	13	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
2,4-Dinitrotoluene	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
2,6-Dinitrotoluene	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
2-Chloronaphthalene	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
2-Methylnaphthalene	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.064	JD	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
3,3-Dichlorobenzidine	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
3-Nitroaniline	~	~	0.097	U	0.095	U	0.097	U	0.087	U	0.093	U	0.092	U	0.094	U	0.095	U	0.095	U	0.099	U
4-Bromophenyl phenyl ether	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
4-Chloroaniline	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
4-Chlorophenyl phenyl ether	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
4-Nitroaniline	~	~	0.097	U	0.095	U	0.097	U	0.087	U	0.093	U	0.092	U	0.094	U	0.095	U	0.095	U	0.099	U
Acenaphthene	20	100	0.049	U	0.048	U	0.048	U	0.044	U	0.103	D	0.046	U	0.047	U	0.047	U	0.097	D	0.050	U
Acenaphthylene	100	100	0.049	U	0.048	U	0.048	U	0.044	U	0.079	JD	0.046	U	0.047	U	0.047	U	0.158	D	0.050	U
Aniline	~	~	0.195	U	0.191	U	0.193	U	0.174	U	0.186	U	0.184	U	0.189	U	0.189	U	0.191	U	0.199	U
Anthracene	100	100	0.049	U	0.048	U	0.048	U	0.044	U	0.296	D	0.046	U	0.047	U	0.047	U	0.345	D	0.050	U
Benzo(a)anthracene	1	1	0.049	U	0.048	U	0.080	JD	0.044	U	0.481	D	0.046	U	0.070	JD	0.047	U	1.290	D	0.050	U
Benzo(a)pyrene	1	1	0.049	U	0.048	U	0.061	JD	0.044	U	0.375	D	0.046	U	0.078	JD	0.047	U	1.160	D	0.050	U
Benzo(b)fluoranthene	1	1	0.049	U	0.048	U	0.055	JD	0.044	U	0.324	D	0.046	U	0.077	JD	0.047	U	1.030	D	0.050	U
Benzo(g,h,i)perylene	100	100	0.049	U	0.048	U	0.048	U	0.044	U	0.213	D	0.046	U	0.062	JD	0.047	U	0.762	D	0.050	U
Benzo(k)fluoranthene	0.8	3.9	0.049	U	0.048	U	0.049	JD	0.044	U	0.304	D	0.046	U	0.062	JD	0.047	U	0.892	D	0.050	U
Benzyl butyl phthalate	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.496	D	0.047	U	0.295	D	0.050	U
Bis(2-chloroethoxy)methane	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Bis(2-chloroethyl)ether	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Bis(2-chloroisopropyl)ether	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Bis(2-ethylhexyl)phthalate	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.083	JD	0.046	U	0.048	JD	0.047	U	2.630	D	0.050	U
Carbazole	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.113	D	0.046	U	0.047	U	0.047	U	0.137	D	0.050	U
Chrysene	1	3.9	0.049	U	0.048	U	0.074	JD	0.044	U	0.435	D	0.046	U	0.069	JD	0.047	U	1.290	D	0.050	U

Table 1 - Soil Results Summary

Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-1 0-2 ft		B-1 10-12 ft		B-2 0-2 ft		B-2 10-12 ft		B-3 0-2 ft		B-3 10-12 ft		B-4 0-2 ft		B-4 10-12 ft		B-5 0-2 ft		B-5 2-4 ft	
York ID	Unrestricted	Restricted																				
Sampling Date	Use Soil Cleanup	Use Soil Cleanup																				
Client Matrix	Objectives	Objectives -	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Dibenzo(a,h)anthracene	0.33	0.33	0.049	U	0.048	U	0.048	U	0.044	U	0.092	JD	0.046	U	0.047	U	0.047	U	0.281	D	0.050	U
Dibenzofuran	7	59	0.049	U	0.048	U	0.048	U	0.044	U	0.108	D	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Diethyl phthalate	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Dimethyl phthalate	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Di-n-butyl phthalate	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.154	D	0.047	U	0.049	JD	0.050	U
Di-n-octyl phthalate	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Fluoranthene	100	100	0.078	JD	0.048	U	0.157	D	0.044	U	1.180	D	0.046	U	0.125	D	0.047	U	2.520	D	0.050	U
Fluorene	30	100	0.049	U	0.048	U	0.048	U	0.044	U	0.125	D	0.046	U	0.047	U	0.047	U	0.103	D	0.050	U
Hexachlorobenzene	0.33	1.2	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Hexachlorobutadiene	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Hexachlorocyclopentadiene	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Hexachloroethane	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.049	U	0.048	U	0.048	U	0.044	U	0.213	D	0.046	U	0.056	JD	0.047	U	0.715	D	0.050	U
Isophorone	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Naphthalene	12	100	0.049	U	0.048	U	0.048	U	0.044	U	0.111	D	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Nitrobenzene	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
N-Nitrosodimethylamine	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
N-nitroso-di-n-propylamine	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
N-Nitrosodiphenylamine	~	~	0.049	U	0.048	U	0.048	U	0.044	U	0.047	U	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
Phenanthrene	100	100	0.050	JD	0.048	U	0.092	JD	0.044	U	1.110	D	0.046	U	0.063	JD	0.047	U	1.480	D	0.050	U
Pyrene	100	100	0.069	JD	0.048	U	0.148	D	0.044	U	0.930	D	0.046	U	0.106	D	0.047	U	2.630	D	0.050	U
Pyridine	~	~	0.195	U	0.191	U	0.193	U	0.174	U	0.186	U	0.184	U	0.189	U	0.189	U	0.191	U	0.199	U
<b>Pesticides, 8081 target list</b>	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>			5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000	
4,4'-DDD	0.0033	13	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDE	0.0033	8.9	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
4,4'-DDT	0.0033	7.9	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.018	D	0.002	U
Aldrin	0.005	0.097	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
alpha-BHC	0.02	0.48	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
alpha-Chlordane	0.094	4.2	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
beta-BHC	0.036	0.36	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Chlordane, total	~	~	0.039	U	0.037	U	0.039	U	0.034	U	0.037	U	0.037	U	0.037	U	0.037	U	0.038	U	0.039	U
delta-BHC	0.04	100	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Dieldrin	0.005	0.2	0.002	U	0.002	U	0.002	U	0.002	U	0.014	D	0.002	U	0.002	U	0.002	U	0.098	D	0.002	U

**Table 1 - Soil Results Summary**

Sample ID	NYSDEC Part 375	NYSDEC Part 375	B-1 0-2 ft		B-1 10-12 ft		B-2 0-2 ft		B-2 10-12 ft		B-3 0-2 ft		B-3 10-12 ft		B-4 0-2 ft		B-4 10-12 ft		B-5 0-2 ft		B-5 2-4 ft	
York ID	Unrestricted	Restricted																				
Sampling Date	Use Soil Cleanup	Use Soil Cleanup																				
Client Matrix	Objectives	Objectives -	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Endosulfan I	2.4	24	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan II	2.4	24	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endosulfan sulfate	2.4	24	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin	0.014	11	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin aldehyde	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Endrin ketone	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-BHC (Lindane)	0.1	1.3	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
gamma-Chlordane	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor	0.042	2.1	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Heptachlor epoxide	~	~	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Methoxychlor	~	~	0.010	U	0.009	U	0.010	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.009	U	0.010	U
Toxaphene	~	~	0.098	U	0.095	U	0.097	U	0.087	U	0.094	U	0.094	U	0.095	U	0.095	U	0.095	U	0.099	U
<b>Metals, Target Analyte</b>	<b>mg/Kg</b>	<b>mg/Kg</b>	<b>mg/Kg</b>		<b>mg/Kg</b>		<b>mg/Kg</b>		<b>mg/Kg</b>		<b>mg/Kg</b>		<b>mg/Kg</b>		<b>mg/Kg</b>		<b>mg/Kg</b>		<b>mg/Kg</b>		<b>mg/Kg</b>	
<b>Dilution Factor</b>			1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000	
Aluminum	~	~	13200	B	11800	B	23000	B	20500	B	14500	B	43300	B	26400	B	53800	B	17600	B	52700	B
Antimony	~	~	3.0	U	2.9	U	2.9	U	2.6	U	2.8	U	2.8	U	2.8	U	2.8	U	2.9	U	3.0	U
Arsenic	13	16	3.4		2.5		4.7		1.9		2.0		4.2		3.8		4.2		7.5		1.8	U
Barium	350	400	116		121		214		457		103		864		227		4620		364		606	
Beryllium	7.2	72	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Cadmium	2.5	4.3	0.4	U	0.3	U	0.4	U	0.5		0.3	U	0.5		0.6		0.3	U	1.3		0.4	U
Calcium	~	~	1630		2540		2940		2260		2030		11100		5020		6050		17300		3660	
Chromium	~	~	28.8		35.0		54.6		56.0		39.3		184.0		59.7		146.0		43.9		105.0	
Cobalt	~	~	12.4		19.4		26.1		18.8		15.0		49.8		24.4		38.5		16.0		198.0	
Copper	50	270	30.8		35.9		34.2		57.9		48.5		44.4		48.2		60.7		58.1		227	
Iron	~	~	21100		25200		36600		41000		26400		47000		39000		41100		31800		88300	
Lead	63	400	55.6		6.2		39.3		3.2		39.9		13.5		37.9		14.5		479		8.2	
Magnesium	~	~	4560		5250		8220		12400		4360		38800		9850		23300		8090		12600	
Manganese	1600	2000	431.0		548.0		613.0		376.0		452.0		963.0		552.0		557.0		322.0		2340	
Nickel	30	310	23.9		43.8		37.4		24.0		28.9		159		50.8		286		43.4		313	
Potassium	~	~	2100		3430		5370		14700		2080		4870		4720		14000		4650		11300	
Selenium	3.9	180	3.0	U	2.9	U	2.9	U	2.6	U	2.8	U	2.8	U	2.8	U	2.8	U	2.9	U	3.0	U
Silver	2	180	0.6	U	0.6	U	0.6	U	0.5	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U	0.6	U
Sodium	~	~	75.0		125.0		93.8		211.0		74.1		177.0		112.0		484.0		188.0		167.0	
Thallium	~	~	3.0	U	2.9	U	2.9	U	2.6	U	2.8	U	2.8	U	2.8	U	2.8	U	2.9	U	3.0	U

**Table 1 - Soil Results Summary**

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives -	B-1 0-2 ft		B-1 10-12 ft		B-2 0-2 ft		B-2 10-12 ft		B-3 0-2 ft		B-3 10-12 ft		B-4 0-2 ft		B-4 10-12 ft		B-5 0-2 ft		B-5 2-4 ft	
Compound			Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Vanadium	~	~	35.8		43.3		65.4		129.0		41.3		83.7		67.2		86.5		63.8		138.0	
Zinc	109	10000	261		55		115		104		91		107		127		87		315		187	
<b>Mercury by 7473</b>	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>			1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
Mercury	0.18	0.81	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	0.0	U	0.1		0.0	U	0.3		0.0	U
<b>Total Solids</b>			%		%		%		%		%		%		%		%		%		%	
<b>Dilution Factor</b>			1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	
% Solids	~	~	84.6		87.1		85.5		95.6		89.0		88.6		88.1		88.0		87.3		83.5	
<b>Polychlorinated Biphenyls (PCB)</b>	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
<b>Dilution Factor</b>			1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000	
Aroclor 1016	~	~	0.020	U	0.019	U	0.019	U	0.017	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.020	U
Aroclor 1221	~	~	0.020	U	0.019	U	0.019	U	0.017	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.020	U
Aroclor 1232	~	~	0.020	U	0.019	U	0.019	U	0.017	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.020	U
Aroclor 1242	~	~	0.020	U	0.019	U	0.019	U	0.017	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.020	U
Aroclor 1248	~	~	0.020	U	0.019	U	0.019	U	0.017	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.020	U
Aroclor 1254	~	~	0.020	U	0.019	U	0.019	U	0.017	U	0.019	U	0.019	U	0.019	U	0.019	U	0.078		0.020	U
Aroclor 1260	~	~	0.020	U	0.019	U	0.019	U	0.017	U	0.019	U	0.019	U	0.019	U	0.019	U	0.019	U	0.020	U
Total PCBs	0.1	1	0.020	U	0.019	U	0.019	U	0.017	U	0.019	U	0.019	U	0.019	U	0.019	U	0.078		0.020	U

**NOTES:**

Any Regulatory Exceedences are color coded by Regulation

**Q is the Qualifier Column with definitions as follows:**

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

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



**Table 2 - Soil Vapor Sample Results Summary**

Sample ID York ID Sampling Date Client Matrix	NYSDOH Background Standards - Indoor Air - 25th Pctl	NYSDOH Background Standards - Indoor Air - Upper Fence	NYSDOH Background Standards - Outdoor Air - 25th Pctl	SV-1		SV-2		SV-3	
Compound				Soil Vapor	Q	Soil Vapor	Q	Soil Vapor	Q
	ug/m3	ug/m3	ug/m3	ug/m3		ug/m3		ug/m3	
<b>Volatile Organics, EPA TO15</b>									
<b>Dilution Factor</b>				1.7		20.4		1.8	
1,1,1,2-Tetrachloroethane	~	~	~	1.2	U	1.4	U	1.2	U
1,1,1-Trichloroethane	0.25	2.5	0.25	0.9	U	1.1	U	1.0	U
1,1,2,2-Tetrachloroethane	0.25	0.4	0.25	1.2	U	1.4	U	1.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane	0.25	2.5	0.25	1.3	U	1.6	U	1.4	U
1,1,2-Trichloroethane	0.25	0.4	0.25	0.9	U	1.1	U	1.0	U
1,1-Dichloroethane	0.25	0.4	0.25	0.7	U	0.8	U	0.7	U
1,1-Dichloroethylene	0.25	0.4	0.25	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	0.25	0.5	0.25	1.3	U	1.5	U	1.3	U
1,2,4-Trimethylbenzene	0.7	9.8	0.25	0.9	D	7.1	D	1.2	D
1,2-Dibromoethane	0.25	0.4	0.25	1.3	U	1.6	U	1.4	U
1,2-Dichlorobenzene	0.25	0.5	0.25	1.0	U	1.2	U	1.1	U
1,2-Dichloroethane	0.25	0.4	0.25	0.7	U	0.8	U	0.7	U
1,2-Dichloropropane	0.25	0.4	0.25	0.8	U	0.9	U	0.8	U
1,2-Dichlorotetrafluoroethane	0.25	0.4	0.25	1.2	U	1.4	U	1.3	U
1,3,5-Trimethylbenzene	0.25	3.9	0.25	0.8	U	1.7	D	0.9	U
1,3-Butadiene	~	~	~	8.4	D	21.0	D	10.0	D
1,3-Dichlorobenzene	0.25	0.5	0.25	1.0	U	1.2	U	1.1	U
1,3-Dichloropropane	~	~	~	0.8	U	0.9	U	0.8	U
1,4-Dichlorobenzene	0.25	1.2	0.25	1.0	U	1.2	U	1.1	U
1,4-Dioxane	~	~	~	1.2	U	1.5	U	1.3	U
2-Butanone	0.25	16	0.25	2.0	D	25.0	D	6.0	D
2-Hexanone	~	~	~	1.4	U	2.1	D	1.5	U
3-Chloropropene	~	~	~	2.6	U	3.2	U	2.8	U
4-Methyl-2-pentanone	0.25	1.9	0.25	0.7	U	0.8	U	0.7	U
Acetone	9.9	115	3.40	12.0	D	23.0	D	32.0	D
Acrylonitrile	~	~	~	0.4	U	0.4	U	0.4	U
Benzene	1.1	13	0.6	3.7	D	7.4	D	4.6	D
Benzyl chloride	~	~	~	0.9	U	1.1	U	0.9	U
Bromodichloromethane	~	~	~	1.1	U	16.0	D	1.2	U
Bromoform	~	~	~	1.7	U	2.1	U	1.9	U
Bromomethane	0.25	0.5	0.25	0.7	U	0.8	U	0.7	U
Carbon disulfide	~	~	~	11.0	D	58.0	D	22.0	D

**Table 2 - Soil Vapor Sample Results Summary**

Sample ID York ID Sampling Date Client Matrix	NYSDOH Background Standards - Indoor Air - 25th Pctl	NYSDOH Background Standards - Indoor Air - Upper Fence	NYSDOH Background Standards - Outdoor Air - 25th Pctl	SV-1		SV-2		SV-3	
Compound				Soil Vapor		Soil Vapor		Soil Vapor	
				Result	Q	Result	Q	Result	Q
Carbon tetrachloride	0.25	1.3	0.25	<b>0.3</b>	D	<b>0.4</b>	D	<b>0.3</b>	D
Chlorobenzene	0.25	0.4	0.25	0.8	U	0.9	U	0.8	U
Chloroethane	0.25	0.4	0.25	0.5	U	0.5	U	0.5	U
Chloroform	0.25	1.2	0.25	<b>1.2</b>	D	1.0	U	0.9	U
Chloromethane	0.25	4.2	0.25	<b>0.5</b>	D	<b>1.4</b>	D	<b>0.8</b>	D
cis-1,2-Dichloroethylene	0.25	0.4	0.25	0.2	U	0.2	U	0.2	U
cis-1,3-Dichloropropylene	0.25	0.4	0.25	0.8	U	0.9	U	0.8	U
Cyclohexane	0.25	6.3	0.25	<b>2.9</b>	D	<b>3.4</b>	D	<b>2.4</b>	D
Dibromochloromethane	~	~	~	1.4	U	1.7	U	1.5	U
Dichlorodifluoromethane	0.25	10	0.25	<b>1.7</b>	D	<b>1.8</b>	D	<b>1.7</b>	D
Ethyl acetate	~	~	~	1.2	U	1.7	D	1.3	U
Ethyl Benzene	0.40	6.4	0.25	<b>2.1</b>	D	<b>11.0</b>	D	<b>16.0</b>	D
Hexachlorobutadiene	0.25	0.5	0.25	1.8	U	2.2	U	1.9	U
Isopropanol	~	~	~	<b>0.9</b>	D	<b>3.9</b>	D	0.9	U
Methyl Methacrylate	0.25	0.4	0.25	0.7	U	<b>12.0</b>	D	0.7	U
Methyl tert-butyl ether (MTBE)	0.25	14	0.25	0.6	U	0.7	U	<b>1.1</b>	D
Methylene chloride	0.30	16	0.25	<b>1.5</b>	D	1.4	U	1.3	U
n-Heptane	1	18	0.25	<b>4.8</b>	D	<b>12.0</b>	D	<b>18.0</b>	D
n-Hexane	0.60	14	0.25	<b>11.0</b>	D	<b>30.0</b>	D	<b>34.0</b>	D
o-Xylene	0.40	7.1	0.25	<b>1.7</b>	D	<b>6.0</b>	D	<b>1.6</b>	D
p- & m- Xylenes	0.5	11	0.25	<b>5.8</b>	D	<b>14.0</b>	D	<b>5.1</b>	D
p-Ethyltoluene	~	~	~	<b>1.4</b>	D	<b>5.3</b>	D	<b>1.7</b>	D
Propylene	~	~	~	<b>77.0</b>	D	<b>240.0</b>	D	<b>95.0</b>	D
Styrene	0.25	1.4	0.25	<b>1.6</b>	D	<b>3.0</b>	D	<b>1.7</b>	D
Tetrachloroethylene	0.25	2.5	0.25	<b>3.9</b>	D	<b>3.3</b>	D	<b>2.5</b>	D
Tetrahydrofuran	0.25	0.8	0.25	<b>6.0</b>	D	<b>4.2</b>	D	<b>3.0</b>	D
Toluene	3.5	57	0.60	<b>19.0</b>	D	<b>24.0</b>	D	<b>15.0</b>	D
trans-1,2-Dichloroethylene	~	~	~	0.7	U	0.8	U	0.7	U
trans-1,3-Dichloropropylene	0.25	~	0.25	0.8	U	0.9	U	0.8	U
Trichloroethylene	0.25	0.5	0.25	0.2	U	0.3	U	0.2	U
Trichlorofluoromethane (Freon 11)	1.1	12	0.25	<b>1.2</b>	D	<b>2.3</b>	D	<b>4.9</b>	D
Vinyl acetate	~	~	~	0.6	U	0.7	U	0.6	U
Vinyl bromide	~	~	~	0.7	U	0.9	U	0.8	U

## Table 2 - Soil Vapor Sample Results Summary

Sample ID York ID Sampling Date Client Matrix	NYSDOH Background Standards - Indoor Air - 25th Pctl	NYSDOH Background Standards - Indoor Air - Upper Fence	NYSDOH Background Standards - Outdoor Air - 25th Pctl	SV-1		SV-2		SV-3	
				Soil Vapor		Soil Vapor		Soil Vapor	
Compound				Result	Q	Result	Q	Result	Q
Vinyl Chloride	0.25	0.4	0.25	0.1	D	1.0	D	0.1	U

**NOTES:**

Any Regulatory Exceedences are color coded by Regulation

Chlorinated compound per NYSDOH Matrix Guideline

**Q is the Qualifier Column with definitions as follows:**

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

B=analyte found in the analysis batch blank

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

NT=this indicates the analyte was not a target for this sample

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

## **Appendix A – Site Photographs**





PHOTO 1: View of Subject Property



PHOTO 2: View of Subject Property



PHOTO 3: Front view of Subject Property



PHOTO 4: Soil Sampling at B-1



PHOTO 5: Geoprobe Sampling at B-4



PHOTO 6: Soil Sample B-1 0-2ft and 10-12ft





PHOTO 7: Soil Vapor Sample SV-1



PHOTO 8: Geoprobe Sampling at B- 2



PHOTO 9: Soil Sample B-2 0-2ft and 10-12 ft



Photo 10: Geoprobe Sampling at B-3



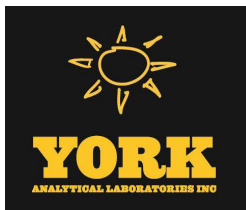
PHOTO 11: Soil Sample B-4 0-2ft and 10-12ft



PHOTO 12: Soil Sample B-3 0-2ft ad 2-4ft

## **Appendix B – Laboratory Data Sheets**





# Technical Report

Report Date: 01/30/2020  
**Client Project ID: 431 Concord**  
York Project (SDG) No.: 20A0844

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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

STRATFORD, CT 06615  
(203) 325-1371

132-02 89th AVENUE  
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RICHMOND HILL, NY 11418  
[ClientServices@yorklab.com](mailto:ClientServices@yorklab.com)



Report Date: 01/30/2020  
Client Project ID: 431 Concord  
York Project (SDG) No.: 20A0844

**Tri-State Drilling Technologies, Inc.**  
94 Gardiners Avenue #388  
Levittown NY, 11756  
Attention: Nicholas Recchia

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on January 23, 2020 with a temperature of 2.6 C. The project was identified as your project: **431 Concord**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20A0844-01	B-1 0-2 ft	Soil	01/22/2020	01/23/2020
20A0844-02	B-1 10-12 ft	Soil	01/22/2020	01/23/2020
20A0844-03	B-2 0-2 ft	Soil	01/22/2020	01/23/2020
20A0844-04	B-2 10-12 ft	Soil	01/22/2020	01/23/2020
20A0844-05	B-3 0-2 ft	Soil	01/22/2020	01/23/2020
20A0844-06	B-3 10-12 ft	Soil	01/22/2020	01/23/2020
20A0844-07	B-4 0-2 ft	Soil	01/22/2020	01/23/2020
20A0844-08	B-4 10-12 ft	Soil	01/22/2020	01/23/2020
20A0844-09	B-5 0-2 ft	Soil	01/22/2020	01/23/2020
20A0844-10	B-5 2-4 ft	Soil	01/22/2020	01/23/2020

## **General Notes for York Project (SDG) No.: 20A0844**

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:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 01/30/2020





## Sample Information

**Client Sample ID:** B-1 0-2 ft

**York Sample ID:** 20A0844-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20A0844

431 Concord

Soil

January 22, 2020 8:30 am

01/23/2020

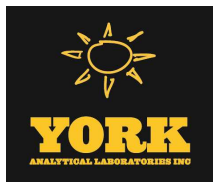
### Volatile Organics, 8260 - Comprehensive

### 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	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 05:16	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	31	61	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ



## Sample Information

**Client Sample ID:** B-1 0-2 ft

**York Sample ID:** 20A0844-01

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 8:30 am

Date Received

01/23/2020

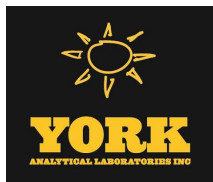
### Volatile Organics, 8260 - Comprehensive

### 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
78-93-3	2-Butanone	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
67-64-1	Acetone	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ



## Sample Information

**Client Sample ID:** B-1 0-2 ft

**York Sample ID:** 20A0844-01

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 8:30 am

Date Received

01/23/2020

### Volatile Organics, 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
74-95-3	Dibromomethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 05:16	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.1	6.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 05:16	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:16	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ



## Sample Information

**Client Sample ID:** B-1 0-2 ft

**York Sample ID:** 20A0844-01

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 8:30 am

Date Received  
01/23/2020

### Volatile Organics, 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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 05:16	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:16	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	91.7 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.6 %	76-130								

### Semi-Volatiles, 8270 Base/Neutrals

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW



## Sample Information

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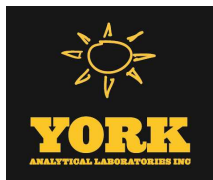
### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
83-32-9	Acenaphthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
62-53-3	Aniline	ND		ug/kg dry	195	390	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
120-12-7	Anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
86-74-8	Carbazole	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
218-01-9	Chrysene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW



## Sample Information

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### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
206-44-0	<b>Fluoranthene</b>	<b>77.8</b>	J	ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
86-73-7	Fluorene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
78-59-1	Isophorone	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
91-20-3	Naphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
85-01-8	<b>Phenanthrene</b>	<b>49.8</b>	J	ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
129-00-0	<b>Pyrene</b>	<b>69.2</b>	J	ug/kg dry	48.8	97.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW
110-86-1	Pyridine	ND		ug/kg dry	195	390	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 14:47	OW

Surrogate Recoveries

Result

Acceptance Range





## Sample Information

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### Semi-Volatiles, 8270 Base/Neutrals

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	139 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	77.7 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	97.7 %			24-116						

### Pesticides, 8081 target list

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
309-00-2	Aldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 17:55	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 17:55	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
72-20-8	Endrin	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM



## Sample Information

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### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 17:55	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
8001-35-2	Toxaphene	ND		ug/kg dry	98.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 17:55	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	71.2 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	43.9 %								

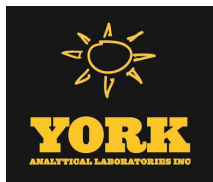
### Polychlorinated Biphenyls (PCB)

### 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	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:06	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:06	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:06	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:06	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:06	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:06	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:06	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 18:06	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %								



## Sample Information

**Client Sample ID:** B-1 0-2 ft

**York Sample ID:** 20A0844-01

**York Project (SDG) No.**

20A0844

**Client Project ID**

431 Concord

**Matrix**

Soil

**Collection Date/Time**

January 22, 2020 8:30 am

**Date Received**

01/23/2020

### 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	13200	B	mg/kg dry	5.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-38-2	Arsenic	3.35		mg/kg dry	1.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-39-3	Barium	116		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.355	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-70-2	Calcium	1630		mg/kg dry	5.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-47-3	Chromium	28.8		mg/kg dry	0.591	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-48-4	Cobalt	12.4		mg/kg dry	0.473	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-50-8	Copper	30.8		mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7439-89-6	Iron	21100		mg/kg dry	29.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7439-92-1	Lead	55.6		mg/kg dry	0.591	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7439-95-4	Magnesium	4560		mg/kg dry	5.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7439-96-5	Manganese	431		mg/kg dry	0.591	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-02-0	Nickel	23.9		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-09-7	Potassium	2100		mg/kg dry	5.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-22-4	Silver	ND		mg/kg dry	0.591	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-23-5	Sodium	75.0		mg/kg dry	59.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-62-2	Vanadium	35.8		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM
7440-66-6	Zinc	261		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:16	TJM



## Sample Information

**Client Sample ID:** B-1 0-2 ft

**York Sample ID:** 20A0844-01

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 8:30 am

Date Received  
01/23/2020

### 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	0.0355	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 20:19	MAO

### 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	84.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG

## Sample Information

**Client Sample ID:** B-1 10-12 ft

**York Sample ID:** 20A0844-02

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:00 am

Date Received  
01/23/2020

### Volatile Organics, 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	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	01/25/2020 19:43	01/26/2020 05:43	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 05:43	LLJ



## Sample Information

**Client Sample ID:** B-1 10-12 ft

**York Sample ID:** 20A0844-02

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:00 am

Date Received  
01/23/2020

### Volatile Organics, 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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ



## Sample Information

**Client Sample ID:** B-1 10-12 ft

**York Sample ID:** 20A0844-02

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:00 am

Date Received  
01/23/2020

### Volatile Organics, 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
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-09-2	<b>Methylene chloride</b>	<b>7.2</b>	J	ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ



## Sample Information

**Client Sample ID:** B-1 10-12 ft

**York Sample ID:** 20A0844-02

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:00 am

Date Received  
01/23/2020

### Volatile Organics, 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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 05:43	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 05:43	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 05:43	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 05:43	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 05:43	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	91.2 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.2 %	76-130								





## Sample Information

**Client Sample ID:** B-1 10-12 ft

**York Sample ID:** 20A0844-02

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Soil

Collection Date/Time  
January 22, 2020 9:00 am

Date Received  
01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
83-32-9	Acenaphthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
120-12-7	Anthracene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW





## Sample Information

**Client Sample ID:** B-1 10-12 ft

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January 22, 2020 9:00 am

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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
86-74-8	Carbazole	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
218-01-9	Chrysene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
206-44-0	Fluoranthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
86-73-7	Fluorene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW



## Sample Information

**Client Sample ID:** B-1 10-12 ft

**York Sample ID:** 20A0844-02

York Project (SDG) No.  
20A0844

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January 22, 2020 9:00 am

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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
78-59-1	Isophorone	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
91-20-3	Naphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
129-00-0	Pyrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
110-86-1	Pyridine	ND		ug/kg dry	191	382	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:19	OW
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	146 %	S-08			22-108					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	82.0 %				21-113					
1718-51-0	Surrogate: SURR: Terphenyl-d14	103 %				24-116					

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
309-00-2	Aldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 18:12	CM



## Sample Information

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### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 18:12	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 18:12	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.34	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
8001-35-2	Toxaphene	ND		ug/kg dry	94.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:12	CM
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	58.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	63.9 %	30-150							

### Polychlorinated Biphenyls (PCB)

### 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: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:20	SR



## Sample Information

**Client Sample ID:** B-1 10-12 ft

**York Sample ID:** 20A0844-02

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:00 am

Date Received  
01/23/2020

### Polychlorinated Biphenyls (PCB)

### 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
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:20	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:20	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:20	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:20	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:20	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:20	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 18:20	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	72.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	63.5 %		30-140						

### 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	11800	B	mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-38-2	Arsenic	2.47		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-39-3	Barium	121		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.344	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-70-2	Calcium	2540		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-47-3	Chromium	35.0		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-48-4	Cobalt	19.4		mg/kg dry	0.459	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-50-8	Copper	35.9		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM



## Sample Information

**Client Sample ID:** B-1 10-12 ft

**York Sample ID:** 20A0844-02

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:00 am

Date Received  
01/23/2020

### 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	25200		mg/kg dry	28.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7439-92-1	Lead	6.20		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7439-95-4	Magnesium	5250		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7439-96-5	Manganese	548		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-02-0	Nickel	43.8		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-09-7	Potassium	3430		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-23-5	Sodium	125		mg/kg dry	57.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-62-2	Vanadium	43.3		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM
7440-66-6	Zinc	54.8		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:19	TJM

### 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	0.0344	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 20:27	MAO

### 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	87.1		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG



## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

**York Project (SDG) No.**

20A0844

**Client Project ID**

431 Concord

**Matrix**

Soil

**Collection Date/Time**

January 22, 2020 9:30 am

**Date Received**

01/23/2020

### Volatile Organics, 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	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 06:09	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	70	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ



## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:30 am

Date Received  
01/23/2020

### Volatile Organics, 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
591-78-6	2-Hexanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
67-64-1	Acetone	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ





## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:30 am

Date Received  
01/23/2020

### Volatile Organics, 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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-09-2	<b>Methylene chloride</b>	<b>5.6</b>	J	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 06:09	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 06:09	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:09	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ





## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

York Project (SDG) No.  
20A0844

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431 Concord

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Soil

Collection Date/Time  
January 22, 2020 9:30 am

Date Received  
01/23/2020

### Volatile Organics, 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
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 06:09	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:09	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	91.4 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.6 %			76-130						

### Semi-Volatiles, 8270 Base/Neutrals

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW



## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

York Project (SDG) No.  
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431 Concord

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Soil

Collection Date/Time  
January 22, 2020 9:30 am

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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
83-32-9	Acenaphthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
62-53-3	Aniline	ND		ug/kg dry	193	387	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
120-12-7	Anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
56-55-3	<b>Benzo(a)anthracene</b>	<b>80.3</b>	J	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
50-32-8	<b>Benzo(a)pyrene</b>	<b>61.0</b>	J	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>54.8</b>	J	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>48.6</b>	J	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
86-74-8	Carbazole	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
218-01-9	<b>Chrysene</b>	<b>74.1</b>	J	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW



## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Soil

Collection Date/Time  
January 22, 2020 9:30 am

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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
206-44-0	Fluoranthene	157		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
86-73-7	Fluorene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
78-59-1	Isophorone	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
91-20-3	Naphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
85-01-8	Phenanthrene	91.9	J	ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
129-00-0	Pyrene	148		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
110-86-1	Pyridine	ND		ug/kg dry	193	387	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 15:50	OW
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	135 %	S-08	22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.4 %		21-113							
1718-51-0	Surrogate: SURR: Terphenyl-d14	90.5 %		24-116							



## Sample Information

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### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
309-00-2	Aldrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 18:29	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 18:29	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
72-20-8	Endrin	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 18:29	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.62	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM



## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

**York Project (SDG) No.**  
20A0844

**Client Project ID**  
431 Concord

**Matrix**  
Soil

**Collection Date/Time**  
January 22, 2020 9:30 am

**Date Received**  
01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	97.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:29	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	73.7 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	79.0 %		30-150						

### Polychlorinated Biphenyls (PCB)

### 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	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:33	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:33	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:33	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:33	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:33	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:33	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:33	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 18:33	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	73.5 %		30-140						

### 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	23000	B	mg/kg dry	5.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-38-2	Arsenic	4.70		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM



## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:30 am

Date Received  
01/23/2020

### 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
7440-39-3	Barium	214		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-70-2	Calcium	2940		mg/kg dry	5.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-47-3	Chromium	54.6		mg/kg dry	0.585	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-48-4	Cobalt	26.1		mg/kg dry	0.468	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-50-8	Copper	34.2		mg/kg dry	2.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7439-89-6	Iron	36600		mg/kg dry	29.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7439-92-1	Lead	39.3		mg/kg dry	0.585	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7439-95-4	Magnesium	8220		mg/kg dry	5.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7439-96-5	Manganese	613		mg/kg dry	0.585	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-02-0	Nickel	37.4		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-09-7	Potassium	5370		mg/kg dry	5.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-22-4	Silver	ND		mg/kg dry	0.585	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-23-5	Sodium	93.8		mg/kg dry	58.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-62-2	Vanadium	65.4		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM
7440-66-6	Zinc	115		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:27	TJM

### 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	0.0351	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 20:36	MAO



## Sample Information

**Client Sample ID:** B-2 0-2 ft

**York Sample ID:** 20A0844-03

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 9:30 am

Date Received  
01/23/2020

### 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	85.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG

## Sample Information

**Client Sample ID:** B-2 10-12 ft

**York Sample ID:** 20A0844-04

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 10:00 am

Date Received  
01/23/2020

### Volatile Organics, 8260 - Comprehensive

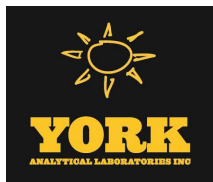
### Log-in Notes:

### 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	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 06:35	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ





## Sample Information

**Client Sample ID:** B-2 10-12 ft

**York Sample ID:** 20A0844-04

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 10:00 am

Date Received

01/23/2020

### Volatile Organics, 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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	32	63	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
67-64-1	Acetone	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ





## Sample Information

**Client Sample ID:** B-2 10-12 ft

**York Sample ID:** 20A0844-04

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 10:00 am

Date Received  
01/23/2020

### Volatile Organics, 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
75-00-3	Chloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 06:35	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 06:35	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ



## Sample Information

**Client Sample ID:** B-2 10-12 ft

**York Sample ID:** 20A0844-04

York Project (SDG) No.  
20A0844

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431 Concord

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Soil

Collection Date/Time  
January 22, 2020 10:00 am

Date Received  
01/23/2020

### Volatile Organics, 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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 06:35	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 06:35	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.7	9.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 06:35	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	91.7 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.7 %	76-130								

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW



## Sample Information

**Client Sample ID:** B-2 10-12 ft

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January 22, 2020 10:00 am

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### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
83-32-9	Acenaphthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
62-53-3	Aniline	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
120-12-7	Anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW



## Sample Information

**Client Sample ID:** B-2 10-12 ft

**York Sample ID:** 20A0844-04

York Project (SDG) No.  
20A0844

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431 Concord

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January 22, 2020 10:00 am

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### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
86-74-8	Carbazole	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
218-01-9	Chrysene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
206-44-0	Fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
86-73-7	Fluorene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
78-59-1	Isophorone	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
91-20-3	Naphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW



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### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
85-01-8	Phenanthrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
129-00-0	Pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
110-86-1	Pyridine	ND		ug/kg dry	174	348	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:20	OW
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	131 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	71.5 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	95.1 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
309-00-2	Aldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 18:46	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
57-74-9	Chlordane, total	ND		ug/kg dry	34.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM



## Sample Information

**Client Sample ID:** B-2 10-12 ft

**York Sample ID:** 20A0844-04

York Project (SDG) No.  
20A0844

Client Project ID  
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Collection Date/Time  
January 22, 2020 10:00 am

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01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 18:46	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
72-20-8	Endrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 18:46	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
72-43-5	Methoxychlor	ND		ug/kg dry	8.60	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
8001-35-2	Toxaphene	ND		ug/kg dry	87.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 18:46	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	64.4 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	64.7 %		30-150						

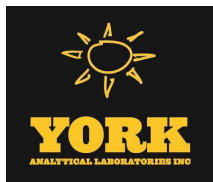
### Polychlorinated Biphenyls (PCB)

### 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	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:47	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:47	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:47	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:47	SR



## Sample Information

**Client Sample ID:** B-2 10-12 ft

**York Sample ID:** 20A0844-04

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

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Soil

Collection Date/Time

January 22, 2020 10:00 am

Date Received

01/23/2020

### Polychlorinated Biphenyls (PCB)

### 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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:47	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:47	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 18:47	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 18:47	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	67.5 %		30-140						

### Metals, Target Analyte

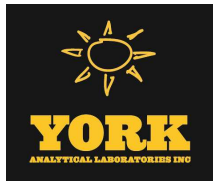
### Log-in Notes:

### 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	20500	B	mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-38-2	Arsenic	1.87		mg/kg dry	1.57	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-39-3	Barium	457		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.052	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-43-9	Cadmium	0.462		mg/kg dry	0.314	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-70-2	Calcium	2260		mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-47-3	Chromium	56.0		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-48-4	Cobalt	18.8		mg/kg dry	0.418	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-50-8	Copper	57.9		mg/kg dry	2.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7439-89-6	Iron	41000		mg/kg dry	26.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7439-92-1	Lead	3.16		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7439-95-4	Magnesium	12400		mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7439-96-5	Manganese	376		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM





## Sample Information

**Client Sample ID:** B-2 10-12 ft

**York Sample ID:** 20A0844-04

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

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Collection Date/Time

January 22, 2020 10:00 am

Date Received

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### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	24.0		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-09-7	Potassium	14700		mg/kg dry	5.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-23-5	Sodium	211		mg/kg dry	52.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-62-2	Vanadium	129		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM
7440-66-6	Zinc	104		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:30	TJM

### 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	0.0314	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 20:45	MAO

### 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	95.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG

## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.

20A0844

Client Project ID

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## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Collection Date/Time  
January 22, 2020 10:30 am

Date Received  
01/23/2020

### Volatile Organics, 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	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 07:02	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	31	62	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ



## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 10:30 am

Date Received  
01/23/2020

### Volatile Organics, 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
591-78-6	2-Hexanone	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
67-64-1	Acetone	6.2	CCV-E	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ



## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.

Client Project ID

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Collection Date/Time

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20A0844

431 Concord

Soil

January 22, 2020 10:30 am

01/23/2020

### Volatile Organics, 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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
79-20-9	<b>Methyl acetate</b>	<b>5.8</b>		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-09-2	<b>Methylene chloride</b>	<b>3.3</b>	J	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 07:02	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 07:02	LLJ
99-87-6	<b>p-Isopropyltoluene</b>	<b>13</b>		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:02	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 07:02	LLJ



## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Soil

Collection Date/Time  
January 22, 2020 10:30 am

Date Received  
01/23/2020

### Volatile Organics, 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
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:02	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	113 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	96.4 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %			76-130						

### Semi-Volatiles, 8270 Base/Neutrals

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
91-57-6	<b>2-Methylnaphthalene</b>	<b>63.8</b>	J	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW



## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Collection Date/Time  
January 22, 2020 10:30 am

Date Received  
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### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
83-32-9	Acenaphthene	103		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
208-96-8	Acenaphthylene	79.3	J	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
120-12-7	Anthracene	296		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
56-55-3	Benzo(a)anthracene	481		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
50-32-8	Benzo(a)pyrene	375		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
205-99-2	Benzo(b)fluoranthene	324		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
191-24-2	Benzo(g,h,i)perylene	213		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
207-08-9	Benzo(k)fluoranthene	304		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
117-81-7	Bis(2-ethylhexyl)phthalate	83.1	J	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
86-74-8	Carbazole	113		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
218-01-9	Chrysene	435		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
53-70-3	Dibenzo(a,h)anthracene	91.9	J	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
132-64-9	Dibenzofuran	108		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW



## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

**York Project (SDG) No.**  
20A0844

**Client Project ID**  
431 Concord

**Matrix**  
Soil

**Collection Date/Time**  
January 22, 2020 10:30 am

**Date Received**  
01/23/2020

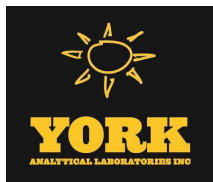
### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
206-44-0	Fluoranthene	1180		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
86-73-7	Fluorene	125		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
193-39-5	Indeno(1,2,3-cd)pyrene	213		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
78-59-1	Isophorone	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
91-20-3	Naphthalene	111		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
85-01-8	Phenanthrene	1110		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
129-00-0	Pyrene	930		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
110-86-1	Pyridine	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 16:51	OW
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	124 %	S-08	22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	69.5 %		21-113							
1718-51-0	Surrogate: SURR: Terphenyl-d14	91.0 %		24-116							



## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20A0844

431 Concord

Soil

January 22, 2020 10:30 am

01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 19:02	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
60-57-1	<b>Dieldrin</b>	<b>13.5</b>		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 19:02	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 19:02	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.24	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM





## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

**York Project (SDG) No.**  
20A0844

**Client Project ID**  
431 Concord

**Matrix**  
Soil

**Collection Date/Time**  
January 22, 2020 10:30 am

**Date Received**  
01/23/2020

### Pesticides, 8081 target list

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	93.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:02	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	56.2 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	35.9 %		30-150						

### Polychlorinated Biphenyls (PCB)

#### 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	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:01	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:01	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:01	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:01	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:01	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:01	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:01	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 19:01	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	53.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	55.0 %		30-140						

### Metals, Target Analyte

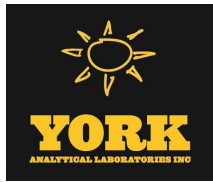
#### Log-in Notes:

#### 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	14500	B	mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-38-2	Arsenic	1.97		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM





## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 10:30 am

Date Received

01/23/2020

### 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
7440-39-3	Barium	103		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-70-2	Calcium	2030		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-47-3	Chromium	39.3		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-48-4	Cobalt	15.0		mg/kg dry	0.449	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-50-8	Copper	48.5		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7439-89-6	Iron	26400		mg/kg dry	28.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7439-92-1	Lead	39.9		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7439-95-4	Magnesium	4360		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7439-96-5	Manganese	452		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-02-0	Nickel	28.9		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-09-7	Potassium	2080		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-23-5	Sodium	74.1		mg/kg dry	56.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-62-2	Vanadium	41.3		mg/kg dry	1.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM
7440-66-6	Zinc	90.5		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:32	TJM

### 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	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 20:55	MAO



## Sample Information

**Client Sample ID:** B-3 0-2 ft

**York Sample ID:** 20A0844-05

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 10:30 am

Date Received  
01/23/2020

### 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 Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG

## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:00 am

Date Received  
01/23/2020

### Volatile Organics, 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	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 07:28	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ



## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:00 am

Date Received  
01/23/2020

### Volatile Organics, 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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	71	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
67-64-1	Acetone	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ



## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:00 am

Date Received  
01/23/2020

### Volatile Organics, 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
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-09-2	<b>Methylene chloride</b>	<b>8.6</b>		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 07:28	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.5	7.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 07:28	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ



## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Soil

Collection Date/Time  
January 22, 2020 11:00 am

Date Received  
01/23/2020

### Volatile Organics, 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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:28	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 07:28	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:28	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	92.9 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.9 %	76-130								

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW



## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Soil

Collection Date/Time  
January 22, 2020 11:00 am

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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.0	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.0	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
83-32-9	Acenaphthene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
62-53-3	Aniline	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
120-12-7	Anthracene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW



## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Collection Date/Time  
January 22, 2020 11:00 am

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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
86-74-8	Carbazole	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
218-01-9	Chrysene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
206-44-0	Fluoranthene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
86-73-7	Fluorene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
78-59-1	Isophorone	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
91-20-3	Naphthalene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW





## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:00 am

Date Received  
01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
85-01-8	Phenanthrene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
129-00-0	Pyrene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
110-86-1	Pyridine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:14	OW
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	120 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.5 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	73.4 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
309-00-2	Aldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 19:19	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM





## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:00 am

Date Received  
01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 19:19	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
72-20-8	Endrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 19:19	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.28	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:19	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	60.3 %		30-150						

### Polychlorinated Biphenyls (PCB)

### 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	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:15	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:15	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:15	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:15	SR



## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:00 am

Date Received  
01/23/2020

### Polychlorinated Biphenyls (PCB)

### 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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:15	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:15	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:15	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 19:15	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	66.5 %		30-140						

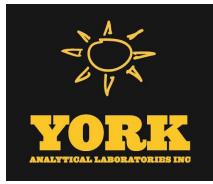
### Metals, Target Analyte

### 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	43300	B	mg/kg dry	5.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-38-2	Arsenic	4.18		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-39-3	Barium	864		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-43-9	Cadmium	0.480		mg/kg dry	0.338	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-70-2	Calcium	11100		mg/kg dry	5.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-47-3	Chromium	184		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-48-4	Cobalt	49.8		mg/kg dry	0.451	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-50-8	Copper	44.4		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7439-89-6	Iron	47000		mg/kg dry	28.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7439-92-1	Lead	13.5		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7439-95-4	Magnesium	38800		mg/kg dry	5.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7439-96-5	Manganese	963		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM



## Sample Information

**Client Sample ID:** B-3 10-12 ft

**York Sample ID:** 20A0844-06

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 11:00 am

Date Received

01/23/2020

### 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
7440-02-0	Nickel	159		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-09-7	Potassium	4870		mg/kg dry	5.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-22-4	Silver	ND		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-23-5	Sodium	177		mg/kg dry	56.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-62-2	Vanadium	83.7		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM
7440-66-6	Zinc	107		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:35	TJM

### 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	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 21:04	MAO

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.6		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG

## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 11:30 am

Date Received

01/23/2020



## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

**York Project (SDG) No.**  
20A0844

**Client Project ID**  
431 Concord

**Matrix**  
Soil

**Collection Date/Time**  
January 22, 2020 11:30 am

**Date Received**  
01/23/2020

### Volatile Organics, 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	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 07:55	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ



## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:30 am

Date Received  
01/23/2020

### Volatile Organics, 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
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
67-64-1	Acetone	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ



## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Soil

Collection Date/Time  
January 22, 2020 11:30 am

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01/23/2020

### Volatile Organics, 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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 07:55	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 07:55	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 07:55	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ



## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:30 am

Date Received  
01/23/2020

### Volatile Organics, 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
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 07:55	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 07:55	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	94.5 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			76-130						

### Semi-Volatiles, 8270 Base/Neutrals

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.4	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW





## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

York Project (SDG) No.  
20A0844

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431 Concord

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Soil

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January 22, 2020 11:30 am

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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.4	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
83-32-9	Acenaphthene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
62-53-3	Aniline	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
120-12-7	Anthracene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
56-55-3	<b>Benzo(a)anthracene</b>	<b>70.2</b>	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
50-32-8	<b>Benzo(a)pyrene</b>	<b>77.7</b>	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>77.0</b>	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>61.9</b>	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>61.9</b>	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
85-68-7	<b>Benzyl butyl phthalate</b>	<b>496</b>		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>47.5</b>	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
86-74-8	Carbazole	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
218-01-9	<b>Chrysene</b>	<b>68.7</b>	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW





## Sample Information

**Client Sample ID:** B-4 0-2 ft

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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
84-74-2	Di-n-butyl phthalate	154		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
206-44-0	Fluoranthene	125		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
86-73-7	Fluorene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
193-39-5	Indeno(1,2,3-cd)pyrene	55.8	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
78-59-1	Isophorone	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
91-20-3	Naphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
85-01-8	Phenanthrene	62.6	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
129-00-0	Pyrene	106		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
110-86-1	Pyridine	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 13:45	OW
Surrogate Recoveries		Result		Acceptance Range							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	115 %	S-08			22-108					
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.1 %				21-113					
1718-51-0	Surrogate: SURR: Terphenyl-d14	69.0 %				24-116					



## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:30 am

Date Received  
01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
309-00-2	Aldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 19:36	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 19:36	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 19:36	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.34	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM



## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

**York Project (SDG) No.**  
20A0844

**Client Project ID**  
431 Concord

**Matrix**  
Soil

**Collection Date/Time**  
January 22, 2020 11:30 am

**Date Received**  
01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:36	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	73.0 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.4 %		30-150						

### Polychlorinated Biphenyls (PCB)

### 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: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:28	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:28	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:28	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:28	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:28	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:28	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:28	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 19:28	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	80.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	71.0 %		30-140						

### 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	26400	B	mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-38-2	Arsenic	3.84		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM



## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 11:30 am

Date Received

01/23/2020

### 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
7440-39-3	Barium	227		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-43-9	Cadmium	0.615		mg/kg dry	0.341	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-70-2	Calcium	5020		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-47-3	Chromium	59.7		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-48-4	Cobalt	24.4		mg/kg dry	0.454	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-50-8	Copper	48.2		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7439-89-6	Iron	39000		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7439-92-1	Lead	37.9		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7439-95-4	Magnesium	9850		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7439-96-5	Manganese	552		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-02-0	Nickel	50.8		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-09-7	Potassium	4720		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-22-4	Silver	ND		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-23-5	Sodium	112		mg/kg dry	56.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-62-2	Vanadium	67.2		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM
7440-66-6	Zinc	127		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:37	TJM

### 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	0.0673		mg/kg dry	0.0341	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 21:13	MAO



## Sample Information

**Client Sample ID:** B-4 0-2 ft

**York Sample ID:** 20A0844-07

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 11:30 am

Date Received  
01/23/2020

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.1		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG

## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:00 pm

Date Received  
01/23/2020

### Volatile Organics, 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	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 08:21	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ



## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:00 pm

Date Received  
01/23/2020

### Volatile Organics, 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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	33	67	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
67-64-1	Acetone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ



## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:00 pm

Date Received  
01/23/2020

### Volatile Organics, 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
75-00-3	Chloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 08:21	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.3	6.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 08:21	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ





## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

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Soil

Collection Date/Time  
January 22, 2020 12:00 pm

Date Received  
01/23/2020

### Volatile Organics, 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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:21	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 08:21	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:21	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	91.9 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.2 %	76-130								

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW





## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.  
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01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
83-32-9	Acenaphthene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
62-53-3	Aniline	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
120-12-7	Anthracene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW



## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

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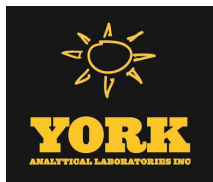
### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
86-74-8	Carbazole	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
218-01-9	Chrysene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
206-44-0	Fluoranthene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
86-73-7	Fluorene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
78-59-1	Isophorone	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
91-20-3	Naphthalene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW



## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 12:00 pm

Date Received

01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
129-00-0	Pyrene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
110-86-1	Pyridine	ND		ug/kg dry	189	378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 13:47	01/28/2020 14:17	OW
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	111 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.4 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.1 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
309-00-2	Aldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 19:53	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM



## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:00 pm

Date Received  
01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 19:53	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 19:53	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.34	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
8001-35-2	Toxaphene	ND		ug/kg dry	94.6	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 19:53	CM
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
2051-24-3	Surrogate: Decachlorobiphenyl	74.2 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.2 %		30-150						

### Polychlorinated Biphenyls (PCB)

### 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: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:42	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:42	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:42	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:42	SR



## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:00 pm

Date Received  
01/23/2020

### Polychlorinated Biphenyls (PCB)

### 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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:42	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:42	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 19:42	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 19:42	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	84.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	80.0 %								

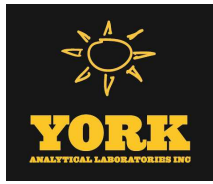
### Metals, Target Analyte

### 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	53800	B	mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-38-2	Arsenic	4.20		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-39-3	Barium	4620		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-70-2	Calcium	6050		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-47-3	Chromium	146		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-48-4	Cobalt	38.5		mg/kg dry	0.455	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-50-8	Copper	60.7		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7439-89-6	Iron	41100		mg/kg dry	28.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7439-92-1	Lead	14.5		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7439-95-4	Magnesium	23300		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7439-96-5	Manganese	557		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM



## Sample Information

**Client Sample ID:** B-4 10-12 ft

**York Sample ID:** 20A0844-08

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 12:00 pm

Date Received

01/23/2020

### 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
7440-02-0	Nickel	286		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-09-7	Potassium	14000		mg/kg dry	5.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-22-4	Silver	ND		mg/kg dry	0.568	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-23-5	Sodium	484		mg/kg dry	56.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-62-2	Vanadium	86.5		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM
7440-66-6	Zinc	87.0		mg/kg dry	2.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:39	TJM

### 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	0.0341	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 21:22	MAO

### Total Solids

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.0		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG

## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

York Project (SDG) No.

20A0844

Client Project ID

431 Concord

Matrix

Soil

Collection Date/Time

January 22, 2020 12:30 pm

Date Received

01/23/2020



## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

**York Project (SDG) No.**  
20A0844

**Client Project ID**  
431 Concord

**Matrix**  
Soil

**Collection Date/Time**  
January 22, 2020 12:30 pm

**Date Received**  
01/23/2020

### Volatile Organics, 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	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 08:48	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ





## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:30 pm

Date Received  
01/23/2020

### Volatile Organics, 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
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
67-64-1	Acetone	10	CCV-E	ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ



## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:30 pm

Date Received  
01/23/2020

### Volatile Organics, 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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 08:48	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 08:48	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 08:48	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ



## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:30 pm

Date Received  
01/23/2020

### Volatile Organics, 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
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 08:48	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 08:48	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	93.1 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	98.6 %			76-130						

### Semi-Volatiles, 8270 Base/Neutrals

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW



## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:30 pm

Date Received  
01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
83-32-9	Acenaphthene	97.4		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
208-96-8	Acenaphthylene	158		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
62-53-3	Aniline	ND		ug/kg dry	191	381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
120-12-7	Anthracene	345		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
56-55-3	Benzo(a)anthracene	1290		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
50-32-8	Benzo(a)pyrene	1160		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
205-99-2	Benzo(b)fluoranthene	1030		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
191-24-2	Benzo(g,h,i)perylene	762		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
207-08-9	Benzo(k)fluoranthene	892		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
85-68-7	BenzyI butyl phthalate	295		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
117-81-7	Bis(2-ethylhexyl)phthalate	2630		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
86-74-8	Carbazole	137		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
218-01-9	Chrysene	1290		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
53-70-3	Dibenzo(a,h)anthracene	281		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW



## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:30 pm

Date Received  
01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
84-74-2	Di-n-butyl phthalate	48.7	J	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
206-44-0	Fluoranthene	2520		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
86-73-7	Fluorene	103		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
193-39-5	Indeno(1,2,3-cd)pyrene	715		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
78-59-1	Isophorone	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
91-20-3	Naphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
85-01-8	Phenanthrene	1480		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
129-00-0	Pyrene	2630		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
110-86-1	Pyridine	ND		ug/kg dry	191	381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:22	OW
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	106 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.6 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	84.2 %	24-116								



## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:30 pm

Date Received  
01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
50-29-3	4,4'-DDT	18.3		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
309-00-2	Aldrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 20:10	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
60-57-1	Dieldrin	98.0		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 20:10	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
72-20-8	Endrin	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 20:10	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.38	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:10	CM



## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

**York Project (SDG) No.**  
20A0844

**Client Project ID**  
431 Concord

**Matrix**  
Soil

**Collection Date/Time**  
January 22, 2020 12:30 pm

**Date Received**  
01/23/2020

### Pesticides, 8081 target list

#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	95.0	5	EPA 8081B	01/27/2020 07:41	01/28/2020 20:10	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	69.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	48.3 %	30-150							

### Polychlorinated Biphenyls (PCB)

#### 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	01/27/2020 07:41	01/27/2020 19:55	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	01/27/2020 07:41	01/27/2020 19:55	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	01/27/2020 07:41	01/27/2020 19:55	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	01/27/2020 07:41	01/27/2020 19:55	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	01/27/2020 07:41	01/27/2020 19:55	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	<b>Aroclor 1254</b>	<b>0.0784</b>		mg/kg dry	0.0189	1	EPA 8082A	01/27/2020 07:41	01/27/2020 19:55	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	01/27/2020 07:41	01/27/2020 19:55	SR
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	<b>* Total PCBs</b>	<b>0.0784</b>		mg/kg dry	0.0189	1	EPA 8082A	01/27/2020 07:41	01/27/2020 19:55	SR
							Certifications:			
	<b>Surrogate Recoveries</b>	<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	76.5 %		30-140						

### Metals, Target Analyte

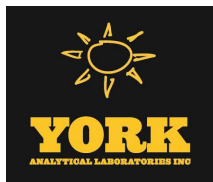
#### Log-in Notes:

#### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>17600</b>	B	mg/kg dry	5.72	1	EPA 6010D	01/24/2020 10:27	01/27/2020 11:42	TJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D	01/24/2020 10:27	01/27/2020 11:42	TJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	<b>Arsenic</b>	<b>7.50</b>		mg/kg dry	1.72	1	EPA 6010D	01/24/2020 10:27	01/27/2020 11:42	TJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	<b>Barium</b>	<b>364</b>		mg/kg dry	2.86	1	EPA 6010D	01/24/2020 10:27	01/27/2020 11:42	TJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		





## Sample Information

**Client Sample ID:** B-5 0-2 ft

**York Sample ID:** 20A0844-09

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**Client Project ID**

431 Concord

**Matrix**

Soil

**Collection Date/Time**

January 22, 2020 12:30 pm

**Date Received**

01/23/2020

### 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
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-43-9	Cadmium	1.31		mg/kg dry	0.343	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-70-2	Calcium	17300		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-47-3	Chromium	43.9		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-48-4	Cobalt	16.0		mg/kg dry	0.458	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-50-8	Copper	58.1		mg/kg dry	2.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7439-89-6	Iron	31800		mg/kg dry	28.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7439-92-1	Lead	479		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7439-95-4	Magnesium	8090		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7439-96-5	Manganese	322		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-02-0	Nickel	43.4		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-09-7	Potassium	4650		mg/kg dry	5.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-23-5	Sodium	188		mg/kg dry	57.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-62-2	Vanadium	63.8		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM
7440-66-6	Zinc	315		mg/kg dry	2.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:42	TJM

### 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	0.303		mg/kg dry	0.0343	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 21:31	MAO



## Sample Information

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Matrix  
Soil

Collection Date/Time  
January 22, 2020 12:30 pm

Date Received  
01/23/2020

### 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	87.3		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG

## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Volatile Organics, 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	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	01/25/2020 19:43	01/26/2020 09:14	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ



## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Volatile Organics, 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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
67-64-1	Acetone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ



## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Volatile Organics, 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
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 09:14	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	01/25/2020 19:43	01/26/2020 09:14	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ



## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Volatile Organics, 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
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	01/25/2020 19:43	01/26/2020 09:14	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH	01/25/2020 19:43	01/26/2020 09:14	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	01/25/2020 19:43	01/26/2020 09:14	LLJ
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	91.6 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.7 %	76-130								

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW



## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
83-32-9	Acenaphthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
62-53-3	Aniline	ND		ug/kg dry	199	397	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
120-12-7	Anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW



## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
86-74-8	Carbazole	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
218-01-9	Chrysene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
206-44-0	Fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
86-73-7	Fluorene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
78-59-1	Isophorone	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
91-20-3	Naphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW





## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Semi-Volatiles, 8270 Base/Neutrals

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

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	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
86-30-6	N-Nitrosodiphenylamine	ND	CCV-L	ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
85-01-8	Phenanthrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
129-00-0	Pyrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
110-86-1	Pyridine	ND		ug/kg dry	199	397	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2020 07:42	01/28/2020 17:53	OW
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	134 %	S-08		22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	75.6 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	98.6 %			24-116						

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
309-00-2	Aldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 20:26	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
57-74-9	Chlordane, total	ND		ug/kg dry	39.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM



## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Pesticides, 8081 target list

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	01/27/2020 07:41	01/28/2020 20:26	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
72-20-8	Endrin	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	01/27/2020 07:41	01/28/2020 20:26	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.78	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
8001-35-2	Toxaphene	ND		ug/kg dry	99.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2020 07:41	01/28/2020 20:26	CM
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>							
2051-24-3	Surrogate: Decachlorobiphenyl	77.9 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	76.6 %	30-150							

### Polychlorinated Biphenyls (PCB)

### 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	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 20:23	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 20:23	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 20:23	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 20:23	SR



## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

York Project (SDG) No.  
20A0844

Client Project ID  
431 Concord

Matrix  
Soil

Collection Date/Time  
January 22, 2020 1:00 pm

Date Received  
01/23/2020

### Polychlorinated Biphenyls (PCB)

### 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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 20:23	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 20:23	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2020 07:41	01/27/2020 20:23	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 20:23	SR
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>						
877-09-8	Surrogate: Tetrachloro-m-xylene	94.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	94.0 %		30-140						

### Metals, Target Analyte

### Log-in Notes:

### Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>52700</b>	B	mg/kg dry	5.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-38-2	Arsenic	ND		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-39-3	<b>Barium</b>	<b>606</b>		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.359	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-70-2	<b>Calcium</b>	<b>3660</b>		mg/kg dry	5.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-47-3	<b>Chromium</b>	<b>105</b>		mg/kg dry	0.599	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-48-4	<b>Cobalt</b>	<b>198</b>		mg/kg dry	0.479	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-50-8	<b>Copper</b>	<b>227</b>		mg/kg dry	2.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7439-89-6	<b>Iron</b>	<b>88300</b>		mg/kg dry	29.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7439-92-1	<b>Lead</b>	<b>8.20</b>		mg/kg dry	0.599	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7439-95-4	<b>Magnesium</b>	<b>12600</b>		mg/kg dry	5.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7439-96-5	<b>Manganese</b>	<b>2340</b>		mg/kg dry	0.599	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM



## Sample Information

**Client Sample ID:** B-5 2-4 ft

**York Sample ID:** 20A0844-10

**York Project (SDG) No.**  
20A0844

**Client Project ID**  
431 Concord

**Matrix**  
Soil

**Collection Date/Time**  
January 22, 2020 1:00 pm

**Date Received**  
01/23/2020

### 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
7440-02-0	Nickel	313		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-09-7	Potassium	11300		mg/kg dry	5.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-22-4	Silver	ND		mg/kg dry	0.599	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-23-5	Sodium	167		mg/kg dry	59.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-62-2	Vanadium	138		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM
7440-66-6	Zinc	187		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/24/2020 10:27	01/27/2020 11:44	TJM

### 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	0.0359	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/23/2020 16:33	01/23/2020 21:40	MAO

### 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	83.5		%	0.100	1	SM 2540G Certifications: CTDOH	01/27/2020 11:14	01/27/2020 16:33	JAG



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20A0844-01	B-1 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-02	B-1 10-12 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-03	B-2 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-04	B-2 10-12 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-05	B-3 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-06	B-3 10-12 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-07	B-4 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-08	B-4 10-12 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-09	B-5 0-2 ft	40mL Vial with Stir Bar-Cool 4° C
20A0844-10	B-5 2-4 ft	40mL Vial with Stir Bar-Cool 4° C



### Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
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-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
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-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
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).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

### Definitions and Other Explanations

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



Non-Dir. Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



# Field Chain-of-Custody Record

YORK Project No. 2A0844

Page 1 of 1

**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.

clientservices@yorklab.com  
www.yorklab.com

**YORK**  
ANALYTICAL LABORATORIES INC.

YOUR Information			Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Address:	Phone:	Company:	Address:	Company:	Address:	431 Concord	RUSH - Next Day		
Address:	Address:	Phone:	Address:	Address:	Address:	Address:	431 Concord	RUSH - Two Day		
Phone:	Phone:	Phone:	Phone:	Phone:	Phone:	Phone:	431 Concord	RUSH - Three Day		
Contact:	Contact:	Contact:	Contact:	Contact:	Contact:	Contact:		RUSH - Four Day		
E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:		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.			Matrix Codes <input checked="" type="checkbox"/> S - soil / solid <input type="checkbox"/> GW - groundwater <input type="checkbox"/> DW - drinking water <input type="checkbox"/> WW - wastewater <input type="checkbox"/> O - Oil ; Other		Samples From <input checked="" type="checkbox"/> New York <input type="checkbox"/> New Jersey <input type="checkbox"/> Connecticut <input type="checkbox"/> Pennsylvania <input type="checkbox"/> Other		Report / EDD Type (circle selections) <input checked="" type="checkbox"/> Summary Reports <input type="checkbox"/> QA Report <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package		YORK Reg. Comp. Compared to the following Regulation(s): (please fill in) NYSDEC Part 375 unrestricted restricted commercial standard	
Samples Collected by: (print your name above and sign below) Paul Vecchia			Sample Matrix S		Date/Time Sampled 1/22/20 0830 0900 0930 1000 1030 1100 1130 1200 1230 1300		Analysis Requested VOCs, SVOCs (BP), Pest/PCBs & TAL Metals		Container Description 1-8oz + 4oz MS	
Sample Identification B-1 0-25ft B-2 10-125ft B-2 0-25ft B-2 10-125ft B-3 0-25ft B-3 10-125ft B-4 0-25ft B-4 10-125ft B-5 0-25ft B-5 10-125ft			Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: 70C		Special Instruction Field Filtered ___ Lab to Filter ___		Date/Time 1/23/20 1600		Temp. Received at Lab 2.6 Degrees C	
Comments: NYCOER/DEP parameters & pricing re			Samples Relinquished by / Company 1/22/20		Samples Relinquished by / Company 1/23/20 1105AM		Samples Relinquished by / Company KBurke		Samples Relinquished by / Company 1/23/20 1600	
Received by / Company 1/22/20			Samples Relinquished by / Company 1/22/20		Samples Relinquished by / Company 1/23/20 1105AM		Samples Relinquished by / Company KBurke		Samples Relinquished by / Company 1/23/20 1600	
Relinquished by / Company 1/22/20			Samples Relinquished by / Company 1/22/20		Samples Relinquished by / Company 1/23/20 1105AM		Samples Relinquished by / Company KBurke		Samples Relinquished by / Company 1/23/20 1600	

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## **Appendix C - Soil Boring Log Reports**

# Tri-State Drilling Technologies, Inc.

## SOIL BORING REPORT LOG

DATE 1-22-2020						SHEET 1 OF 1	
CLIENT Environmental Studies Corporation						LOCATION ID#	
PROJECT LOCATION 431 Concord Avenue, Bronx New York						B-1 / SV-1	
REMARKS:							
DRILLING CONTRACTOR TSDT, INC.				LOGGED BY PR		DRILLER CM	
EQUIPMENT		SOIL SAMPLER		HAMMER WEIGHT/FALL		Groundwater Collection	
TYPE		Macrocore		Direct		1-inch	
SIZE		2 inch O.D.		Push		PVC	
SURFACE ELEVATION NA				Surface Materials: Concrete poor condition			
WATER LEVEL (IN OPEN BOREHOLE)				No ground water found temp well installed and remains dry 1/23/20			
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION	
	*S-1	0 - 4	0.0	dry		Concrete pavement	
						Black/Brown F-M SAND Loose stone, gravel, red brick, concrete fragments intermixed with Fine to Course Brown Loose SAND; coal slag (URBAN FILL)	
	S-2	4 – 8	0.0	dry			
5							
	*S-3	8 – 12	4.5	dry		Weathered Bedrock loose	
						Dense bedrock drilling refusal = 12 ft	
				dry			
						EOB @ 12ft Borehole advanced to 12ft for GW collection. 1-in PVC w/10ft screen. Bedrock refusal. No perched GW on bedrock surface	
15							
20							
25							
30							

\* sample collected for laboratory analysis  
 Samples collected:  
 B-1 0 – 2 feet  
 B-1 10 – 12 feet  
 SV-1 sample depth 10 ft

# Tri-State Drilling Technologies, Inc.


## SOIL BORING REPORT LOG

DATE 1-22-2020						SHEET 1 OF 1	
CLIENT Environmental Studies Corporation						LOCATION ID#	
PROJECT LOCATION 431 Concord Avenue, Bronx New York						B-2 / SV-2	
REMARKS:							
DRILLING CONTRACTOR TSDT, INC.				LOGGED BY PR		DRILLER CM	
EQUIPMENT		SOIL SAMPLER		HAMMER WEIGHT/FALL	Groundwater Collection		DRILL RIG
TYPE		Macrocore		Direct	1-inch	PVC	DRILL METHOD
SIZE		2 - inch O.D.		Push	temporary	MW	Geoprobe LT5400 Direct Push
SURFACE ELEVATION: NA				Surface Materials: gravel and broken pavement			
WATER LEVEL (IN OPEN BOREHOLE): No ground water found							
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION	
	*S-1	0 - 4	0.0	dry		Gravel	
						Black/Brown F-M SAND Loose stone, gravel, red brick, concrete fragments intermixed with Fine to Course Brown Loose SAND (URBAN FILL)	
	S-2	4 – 8	0.0	dry		↓	
5							
	*S-3	8 – 12	0.0	dry		Weathered Bedrock loose	
						Dense bedrock drilling refusal = 12 ft	
						EOB @ 12ft Borehole advanced to 12ft for GW collection. 1-in PVC w/10ft screen. Bedrock refusal. No perched GW on bedrock surface	
10							
15							
20							
25							
30							

\* sample collected for laboratory analysis  
 Samples collected:  
 B-2 0 – 2 feet  
 B-2 10 – 12 feet  
 SV-2 sample depth 10 ft

# Tri-State Drilling Technologies, Inc.

## SOIL BORING REPORT LOG

DATE 1-22-2020						SHEET 1 OF 1	
CLIENT Environmental Studies Corporation						LOCATION ID#	
PROJECT LOCATION 431 Concord Avenue, Bronx New York						B-3	
REMARKS:							
DRILLING CONTRACTOR TSDT, INC.				LOGGED BY PR		DRILLER CM	
EQUIPMENT		SOIL SAMPLER		HAMMER WEIGHT/FALL	Groundwater Collection		DRILL RIG
TYPE		Macrocore		Direct	1-inch	PVC	DRILL METHOD
SIZE		2 - inch O.D.		Push	temporary	MW	Geoprobe LT5400 Direct Push
SURFACE ELEVATION: NA				Surface Materials: gravel and broken pavement			
WATER LEVEL (IN OPEN BOREHOLE): No ground water found							
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION	
	*S-1	0 - 4	0.0	dry		Grass and gravel	
						Black/Brown F-M SAND Loose stone, gravel, red brick, concrete fragments intermixed with Fine to Course Brown Loose SAND; coal slag (URBAN FILL)	
	S-2	4 – 8	0.0	dry			
5							
	*S-3	8 – 12	0.0	dry		Weathered Bedrock loose	
						Dense bedrock drilling refusal = 12 ft	
10						EOB @ 12ft Borehole advanced to 12ft for GW collection. Bedrock refusal. No perched GW on bedrock surface	
						* sample collected for laboratory analysis Samples collected: B-3 0 – 2 feet B-3 10 – 12 feet	
15							
20							
25							
30							

# Tri-State Drilling Technologies, Inc.

## SOIL BORING REPORT LOG

DATE 1-22-2020						SHEET 1 OF 1	
CLIENT Environmental Studies Corporation						LOCATION ID#	
PROJECT LOCATION 431 Concord Avenue, Bronx New York						B-4 / SV-3	
REMARKS:							
DRILLING CONTRACTOR TSDT, INC.				LOGGED BY PR		DRILLER CM	
EQUIPMENT		SOIL SAMPLER		HAMMER WEIGHT/FALL		Groundwater Collection	
				Direct		1-inch	
TYPE		Macrocore		Push		temporary	
SIZE		2 - inch O.D.				PVC	
SURFACE ELEVATION: NA				Surface Materials: grass and gravel			
WATER LEVEL (IN OPEN BOREHOLE): No ground water found							
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION	
	*S-1	0 - 4	0.0	dry		Grass and gravel	
						Black/Brown F-M SAND Loose stone, gravel, red brick, concrete fragments intermixed with Fine to Course Brown Loose SAND; coal slag (URBAN FILL)	
	S-2	4 – 8	0.0	dry		↓	
5							
	*S-3	8 – 12	0.0	dry		Weathered Bedrock loose	
						Dense bedrock drilling refusal = 12 ft	
						EOB @ 12ft Borehole advanced to 12ft for GW collection. Bedrock refusal. No perched GW on bedrock surface	
10							
15							
20							
25							
30							

\* sample collected for laboratory analysis  
 Samples collected:  
 B-4 0 – 2 feet  
 B-4 10 – 12 feet  
 SV-3 collected at 10ft

# Tri-State Drilling Technologies, Inc.

## SOIL BORING REPORT LOG

DATE 1-22-2020						SHEET 1 OF 1	
CLIENT Environmental Studies Corporation						LOCATION ID#	
PROJECT LOCATION 431 Concord Avenue, Bronx New York						B-5	
REMARKS:							
DRILLING CONTRACTOR TSDT, INC.				LOGGED BY PR		DRILLER CM	
EQUIPMENT		SOIL SAMPLER		HAMMER WEIGHT/FALL		Groundwater Collection	
				Direct		1-inch	
TYPE		Macrocore		Push		temporary	
SIZE		2 - inch O.D.				PVC	
SURFACE ELEVATION: NA				Surface Materials: grass and gravel			
WATER LEVEL (IN OPEN BOREHOLE): No ground water found							
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL – ROCK DESCRIPTION – CLASSIFICATION	
	*S-1	0 - 4	0.0	dry		Grass and gravel	
						Black/Brown F-M SAND Loose stone, gravel, red	
						brink, concrete fragments	
	S-2	4 – 8	0.0	dry		Fine to Course Brown Loose SAND (URBAN FILL)	
5						Dense bedrock drilling refusal = 4 ft	
						EOB @ 4ft No perched GW on bedrock surface	
	*S-3	8 – 12	0.0	dry		* sample collected for laboratory analysis	
						Samples collected:	
						B-5 0 – 2 feet	
						B-5 10 – 12 feet	
10							
15							
20							
25							
30							