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Phase II Environmental Site Assessment

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

February 2020



Environmental Studies Corporation, Inc.

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TABLE OF CONTENTS

			<u>Page</u>
EXE	CUTIVE	SUMMARY	1
1.	INTR	ODUCTION	3
	1.1	Project Description and Previous Reports	3
	1.2	Proposed Development	3
	1.3	Health and Safety Plan (HASP)	4
2.	SCOP	E OF WORK	5
	2.1	Geophysical Survey (EM)	5
	2.2	Soil Testing	5
	2.3	Groundwater Quality	6
	2.4	Soil Vapor Testing	6
	2.5	Field and Sampling Protocols	7
		2.5.1 Decontamination Procedures	7
		2.5.2 Sampling Methodology	7
		2.5.3 Sample Custody	8
	2.6	Laboratory Analysis	8
3.	Findi	ngs	10
4.	4.1	Conclusions	12
	4.2	Recommendations	13
FIG	URES:	Figure 1: Sample Collection Locations	
TAE	BLES:	Table 1: Soil Analytical Results	
		Table 2: Groundwater Sample Results	
		Table 2: Soil Vapor Sample Analytical Results	
APP	ENDIX:	A. Site Photographs	
		B. Laboratory Data Analytical Reports	
		C. Soil Boring Report Logs	

Executive Summary

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

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 144th and East 145th 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 arose 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

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 Stated 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

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)flouranthene (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 SCOs 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/m3 maximum), 1,3,5 Trimethylbenzene (1.7 ug/m3 maximum), 1,3-Butadiene (21 ug/m3 maximum), 2-Butanone (25 ug/m3 maximum), 2- Hexanone (2.1 ug/m3), Acetone (32 ug/m3), Benzene (7.4 ug/m3 maximum), Bromodichloromethane (16 ug/m3), Carbon Disulfide Carbon Tetrachloride (0.4 ug/m3),Chloroform (58 ug/m3), (1.2)ug/m3), Chloromethane ug/m3), Cyclohexane (1/4)(3.4g/m3)maximum), Dichlorodifluoromethane (1.8 ug/m3), Ethyl Benzene (16 ug/m3 maximum), Isopropanol (3.9 ug/m3) maximum), Methyl Methacrylate (12 ug/m3), Methylene Chloride (1.5 ug/m3 maximum), n-Heptane (18 ug/m3 maximum), n-Hexane (34 ug/m3 maximum), o-xylene (6 ug/m3 maximum), m&p Xylene (14 ug/m3 maximum), p-Ethyl toluene (4.3 ug/m3 maximum), Propylene (240 ug/m3 maximum), Styrene (1.7 ug/m3 maximum), Tetrachloroethlene (3.9 ug/m3 maximum), Tetrahydrofuran (6 ug/m3 maximum), Toluene (24 ug/m3 maximum), Trichlorofluoromethane (Freon) (4.9 ug/m3 maximum) and Vinyl Chloride (1.0 ug/m3).

4. Conclusions and Recommendations

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

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.

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

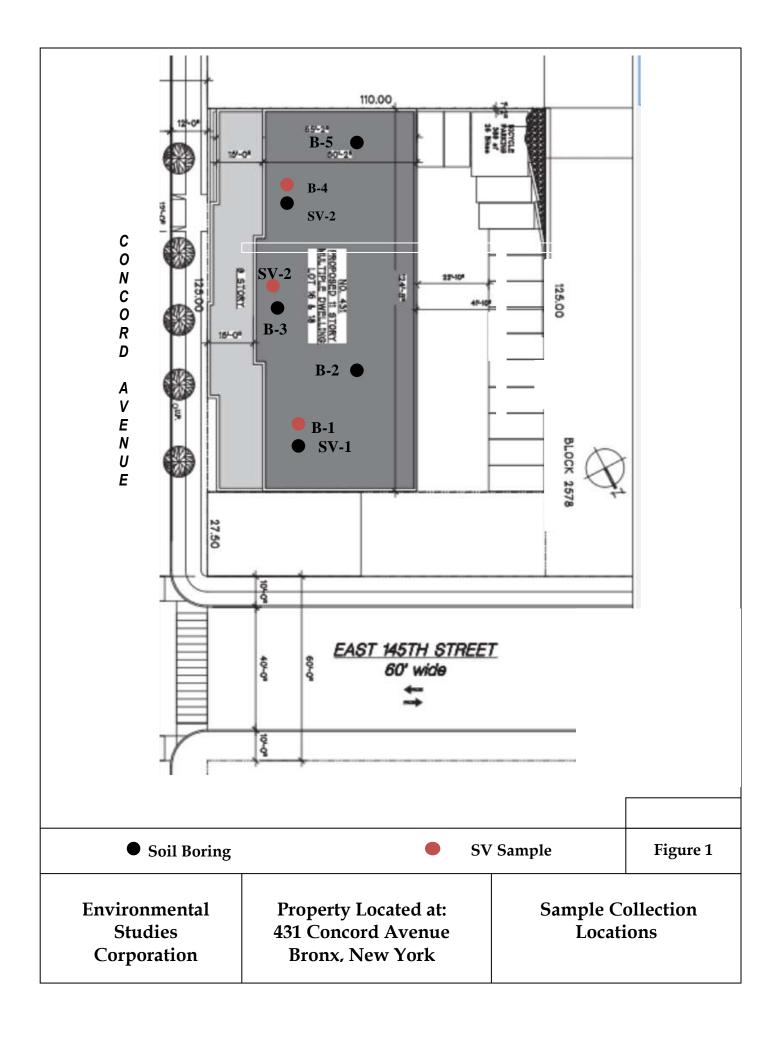


Table 1 - Soil Results Summary

Sample ID	NYSDEC Part	NYSDEC Part	B-1 0-2	ft	B-1 10-1	.2 f	B-2 0-2	2 ft	B-2 10-12	2 f	B-3 0-2	ft	B-3 10-1	.2 f	B-4 0-2	2 ft	B-4 10-1	L2 f	B-5 0-2	2 ft	B-5 2-4	↓ ft
York ID	375	375																				
Sampling Date	Unrestricted	Restricted																				
Client Matrix	Use Soil Cleanup	Use Soil 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	П
Dilution Factor	G. G	G. G	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		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	~	~	0.00-	U	0.003		0.002	U		U	0.002	U	0.002	U	0.002	U	0.00-		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		0.004	U	0.004	U	0.003	U	0.010		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	~	~		U	0.003	_	0.002	U		U	0.002	U	0.002	U	0.002	U		_	0.002	_	0.002	_
Bromodichloromethane	~	~	0.002	U	0.003		0.002	U			0.002	U	0.002	U	0.002	U			0.002		0.002	
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
Bromomethane	~	~	0.002	U	0.005					U	0.002	U	0.002	U	0.002	U	0.00-	U	0.00_		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	NYSDEC Part	B-1 0-2	ft	B-1 10-1	L2 f	B-2 0-2	2 ft	B-2 10-1	.2 f	B-3 0-2	ft!	B-3 10-1	.2 f	B-4 0-2	2 ft	B-4 10-1	L2 f	B-5 0-2	2 ft	B-5 2-4	l ft
York ID	375	375																				
Sampling Date	Unrestricted	Restricted																				
Client Matrix	Use Soil Cleanup	Use Soil 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		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			0.004	U	0.004	U
n-Butylbenzene	12	100	0.002	U	0.003	U	0.002	U		U	0.002	U	0.002	U	0.002	U		U	0.002	U	0.002	_
n-Propylbenzene	3.9	100		U			0.002			U	0.002	U	0.002	U	0.002				0.002		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		0.004	U	0.003	U	0.003	U	0.004	U	0.004	U	0.000		0.004	U	0.004	U
p-Isopropyltoluene	~	~	0.002	U	0.000			U	0.002	U	0.013		0.002	U	0.002	U	0.00_	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		_	0.002	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		0.002		0.002	U	0.002	U	0.002	U	0.002	U	0.00_	U	0.002		0.002	U
trans-1,3-Dichloropropylene	~	~	0.002	U				U	0.002	U	0.002	U	0.002	U	0.002	U	0.00_	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	NYSDEC Part	B-1 0-2 f	ft	3-1 10-1	2 f	B-2 0-2	ft	B-2 10-1	.2 f	B-3 0-2	ft	3-3 10-1	L2 f	B-4 0-2	2 ft	3-4 10- 2	.2 f	B-5 0-2	2 ft	B-5 2-4	4 ft
York ID	375	375																				
Sampling Date	Unrestricted	Restricted																				
Client Matrix	Use Soil Cleanup	Use Soil 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		U	0.003		0.002		0.002		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
Semi-Volatiles, 8270 Base/Neutrals	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	Î	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	П
Dilution Factor			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 l	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 l	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 l	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 l	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 l	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 l	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 l	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 l	U	0.048	U	0.048	U	0.044	U	0.064	ID	0.046	U	0.047	U	0.047	U	0.048	U	0.050	U
3,3-Dichlorobenzidine	~	~	0.049 l	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 เ	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 l	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 l	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 l	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 เ	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 l	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 เ	U	0.048	U	0.048	U	0.044	U	0.079	ID	0.046	U	0.047	U	0.047	U	0.158	D	0.050	U
Aniline	~	~	0.195 เ	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 เ	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 เ	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 l	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 เ	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 เ	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 เ	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 l	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 l	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 l	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 l	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 l	U	0.048	U	0.048	U	0.044	U	0.083	ID	0.046	U	0.048	JD	0.047	U	2.630	D	0.050	U
Carbazole	~	~	0.049 l	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 เ	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	NYSDEC Part	B-1 0-2	ft	B-1 10-1	.2 f	B-2 0-2	ft	B-2 10-1	.2 f	B-3 0-2	ft	3-3 10-1	.2 f	B-4 0-2	2 ft	B-4 10-1	L2 f	B-5 0-2	2 ft	B-5 2-4	l ft
York ID	375	375																				
Sampling Date	Unrestricted	Restricted																				
Client Matrix	Use Soil Cleanup	Use Soil 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
Dibenzo(a,h)anthracene	0.33	0.33		U	0.048		0.048		0.044				0.046	U	0.047			U			0.050	_
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		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		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
Pesticides, 8081 target list	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	П
Dilution Factor			5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000		5.000	11
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	NYSDEC Part	B-1 0-2	ft	3-1 10-1	2 f	B-2 0-2	ft	B-2 10-1	.2 f	B-3 0-2	ft	B-3 10-1	.2 f	B-4 0-2	2 ft	B-4 10-1	L2 f	B-5 0-2	? ft	B-5 2-4	l ft
York ID	375	375																				
Sampling Date	Unrestricted	Restricted																				
Client Matrix	Use Soil Cleanup	Use Soil 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
Endosulfan I	2.4	24		U	0.002				0.002	U	0.002	U		U					0.002		0.002	
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
Metals, Target Analyte	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	
Aluminum	~	~	13200	В	11800	В	23000	В	20500	В	14500	В	43300	В	26400	В	53800	В	17600	В	52700	В
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	11
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	NYSDEC Part 375 Restricted Use Soil Cleanup	B-1 0-2 Soil	ft	8-1 10-1 Soil	.2 1	B-2 0-2 Soil	ft	3-2 10-1 Soil	.2 f	B-3 0-2 Soil	! ft	8-3 10-1 Soil	.2 f	B-4 0-2 Soil		8-4 10-1 Soil	.2 f	B-5 0-2 Soil	? ft	B-5 2-4	
Compound	Objectives		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	П
Zinc	109	10000	261		55		115		104		91		107		127		87		315		187	
Mercury by 7473	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			1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	1
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
Total Solids			%		%		%		%		%		%		%		%		%		%	1
Dilution Factor			1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0		1.0	1
% Solids	~	~	84.6		87.1		85.5		95.6		89.0		88.6		88.1		88.0		87.3		83.5	Ш
Polychlorinated Biphenyls (PCB)	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	1
Dilution Factor			1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000		1.000	
Aroclor 1016	~	~					0.019															
Aroclor 1221	~	~					0.019															
Aroclor 1232	~	~					0.019															
Aroclor 1242	~	~					0.019															
Aroclor 1248	~	~					0.019															
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	NYSDOH	NYSDOH	NYSDOH	SV-1		SV-2		SV-3	
Sampling Date	Background Standards -	Background Standards -	Background Standards -						
Client Matrix	Indoor Air -	Indoor Air -	Outdoor Air -	Soil Vapor		Soil Vapor		Soil Vapor	
Compound	25th Pctl	Upper Fence	25th Pctl	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15	ug/m3	ug/m3	ug/m3	ug/m3		ug/m3	Ì	ug/m3	Ť
Dilution Factor				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	NYSDOH	NYSDOH	NYSDOH	SV-1		SV-2		SV-3	
York ID Sampling Date	Background Standards -	Background Standards -	Background Standards -						
Client Matrix	Indoor Air -	Indoor Air -	Outdoor Air -	Soil Vapor		Soil Vapor		Soil Vapor	
Compound	25th Pctl	Upper Fence	25th Pctl	Result	Q	Result	Q	Result	Q
Carbon tetrachloride	0.25	1.3	0.25	0.3	D	0.4	D	0.3	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	1.2	D	1.0	U	0.9	U
Chloromethane	0.25	4.2	0.25	0.5	D	1.4	D	0.8	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	2.9	D	3.4	D	2.4	D
Dibromochloromethane	~	~	~	1.4	U	1.7	U	1.5	U
Dichlorodifluoromethane	0.25	10	0.25	1.7	D	1.8	D	1.7	D
Ethyl acetate	~	~	~	1.2	U	1.7	D	1.3	U
Ethyl Benzene	0.40	6.4	0.25	2.1	D	11.0	D	16.0	D
Hexachlorobutadiene	0.25	0.5	0.25	1.8	U	2.2	U	1.9	U
Isopropanol	~	~	~	0.9	D	3.9	D	0.9	U
Methyl Methacrylate	0.25	0.4	0.25	0.7	U	12.0	D	0.7	U
Methyl tert-butyl ether (MTBE)	0.25	14	0.25	0.6	U	0.7	U	1.1	D
Methylene chloride	0.30	16	0.25	1.5	D	1.4	U	1.3	U
n-Heptane	1	18	0.25	4.8	D	12.0	D	18.0	D
n-Hexane	0.60	14	0.25	11.0	D	30.0	D	34.0	D
o-Xylene	0.40	7.1	0.25	1.7	D	6.0	D	1.6	D
p- & m- Xylenes	0.5	11	0.25	5.8	D	14.0	D	5.1	D
p-Ethyltoluene	~	~	~	1.4	D	5.3	D	1.7	D
Propylene	~	~	~	77.0	D	240.0	D	95.0	D
Styrene	0.25	1.4	0.25	1.6	D	3.0	D	1.7	D
Tetrachloroethylene	0.25	2.5	0.25	3.9	D	3.3	D	2.5	D
Tetrahydrofuran	0.25	0.8	0.25	6.0	D	4.2	D	3.0	D
Toluene	3.5	57	0.60	19.0	D	24.0	D	15.0	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	1.2	D	2.3	D	4.9	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	NYSDOH	NYSDOH	NYSDOH	SV-1		SV-2		SV-3	
York ID	Background	Background	Background						
Sampling Date	Standards -	Standards -	Standards -						
Client Matrix	Indoor Air -	Indoor Air -	Outdoor Air -	Soil Vapor		Soil Vapor		Soil Vapor	
Compound	25th Pctl	Upper Fence	25th Pctl	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



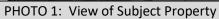




PHOTO 2: View of Subject Property



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

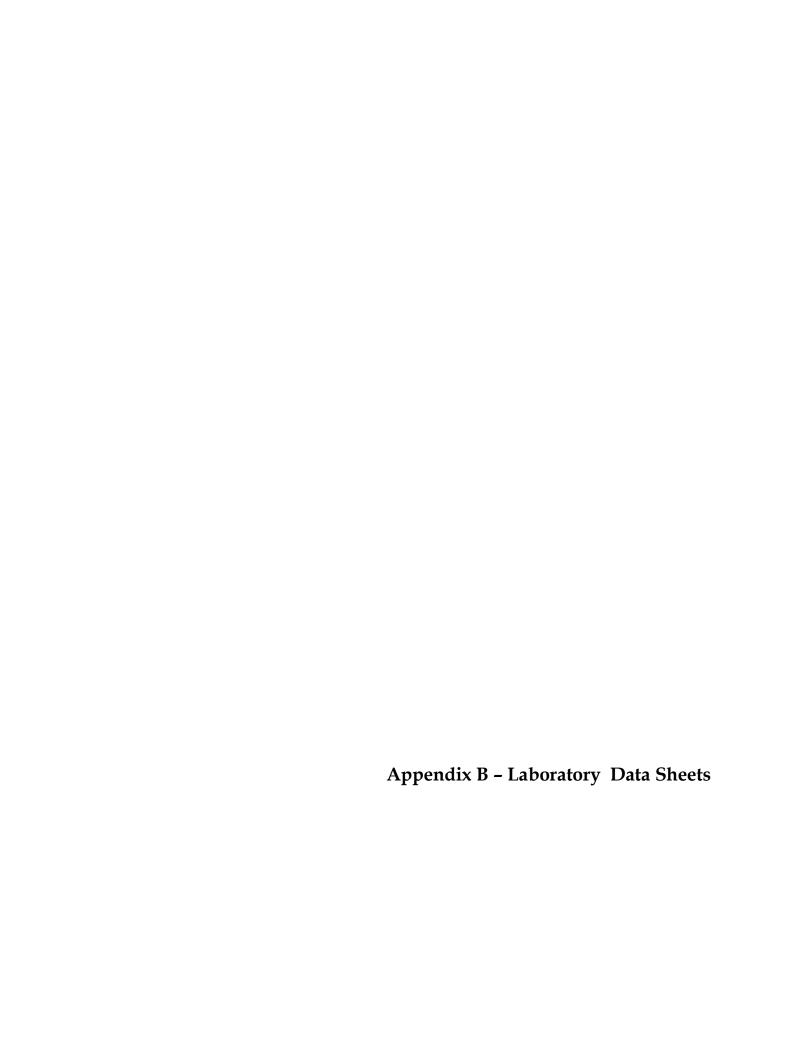


Photo 10: Geoprobe Sampling at B-3



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

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





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

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

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.

York Sample ID	Client Sample ID	<u>Matrix</u>	Date Collected	Date Received
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:

Date: 01/30/2020

Benjamin Gulizia Laboratory Director



Sample Information

Client Sample ID: B-1 0-2 ft York Sample ID: 20A0844-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 8:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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.N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058.NJ	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	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,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 05:16 2058,NJDEP,PAE	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 05:16 2058,NJDEP	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 05:16 2058,NJDEP,PAE	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	31	61	1	EPA 8260C Certifications:	NFLAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 05:16	LLJ



Sample Information

Client Sample ID: B-1 0-2 ft **York Sample ID:** 20A0844-01

Client Project ID York Project (SDG) No. Matrix Collection Date/Time Date Received 431 Concord Soil January 22, 2020 8:30 am 01/23/2020 20A0844

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No	o. Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference N	Date/Time Iethod Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
591-78-6	2-Hexanone	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE	01/26/2020 05:16	LLJ
108-10-1	4-Methyl-2-pentanone	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
67-64-1	Acetone	ND	ug/kg dr	y 3.1	6.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
107-02-8	Acrolein	ND	ug/kg dr	y 3.1	6.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
107-13-1	Acrylonitrile	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
71-43-2	Benzene	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
74-97-5	Bromochloromethane	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 NELAC-NY10854,NELAC-NY		LLJ
75-27-4	Bromodichloromethane	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
75-25-2	Bromoform	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
74-83-9	Bromomethane	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
75-15-0	Carbon disulfide	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
56-23-5	Carbon tetrachloride	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
108-90-7	Chlorobenzene	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
75-00-3	Chloroethane	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
67-66-3	Chloroform	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
74-87-3	Chloromethane	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
156-59-2	cis-1,2-Dichloroethylene	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NE		LLJ
110-82-7	Cyclohexane	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C	01/25/2020 19:43 NELAC-NY10854,NELAC-NY	01/26/2020 05:16	LLJ
124-48-1	Dibromochloromethane	ND	ug/kg dr	y 1.5	3.1	1	EPA 8260C	01/25/2020 19:43 NELAC-NY10854,NELAC-NY	01/26/2020 05:16	LLJ

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RICHMOND HILL, NY 11418

ClientServices

Page 5 of 102



Client Sample ID: B-1 0-2 ft York Sample ID: 20A0844-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 8:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:	Sample Notes:
LIGHT TOTON	Bumple 110

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference 1	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
07 00 3	Treademoroutaurene	ND		ug ng ur y	1.0	J.,	•	Certifications:	NELAC-N	Y10854,NELAC-NY1		LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
79-20-9	Methyl acetate	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
	-							Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
75-09-2	Methylene chloride	ND		ug/kg dry	3.1	6.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
95-47-6	o-Xylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,PA	
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.1	6.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C	CTROUN	01/25/2020 19:43	01/26/2020 05:16	LLJ
125.00.0	D				1.5	2.1		Certifications:	CIDOH,N	ELAC-NY10854,NEL		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NV12058 NI	LLJ
100-42-5	S4	ND		na/ka dru	1.5	3.1	1	EPA 8260C	CIDOII,IV	01/25/2020 19:43	01/26/2020 05:16	LLJ
100-42-3	Styrene	ND		ug/kg dry	1.5	3.1	1	Certifications:	CTDOH.N	01/25/2020 19:45 ELAC-NY10854,NEL		LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
75-05-0	tert-Butyl alcohol (TBA)	ND		ug ng ury	1.5	5.1		Certifications:	NELAC-N	Y10854,NELAC-NY1:		LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	tert-Butyloenzene	ND		ug ng ur j	1.0	J.,	•	Certifications:	CTDOH,N	ELAC-NY10854,NEL		220
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
				2 0 7				Certifications:	CTDOH,N	ELAC-NY10854,NEL		
108-88-3	Toluene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
				-				Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.5	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:16	LLJ
	•											



Client Sample ID: B-1 0-2 ft York Sample ID: 20A0844-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 8:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes: Sample Notes:

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:	CTDOUN	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,NI	ELAC-NY10854,NEL 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,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.5	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:16 AC-NY12058,NJ	LLJ
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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

Sample Prepared by Method: EPA 3550C

J	_0ջ	z-ın	Notes:
-			

Sa	mple	Notes:	

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,N	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 14:47 EP,PADEP	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications:	NELAC-N	01/28/2020 07:42 Y10854,PADEP	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-N	01/28/2020 07:42 Y10854,PADEP	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-N	01/28/2020 07:42 Y10854,PADEP	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,N	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 14:47 EP,PADEP	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 14:47 EP,PADEP	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 14:47 EP,PADEP	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 14:47 EP,PADEP	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications:	NELAC-N	01/28/2020 07:42 Y10854,NJDEP,PADEF	01/28/2020 14:47	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.3	194	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 14:47 EP,PADEP	OW

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Page 7 of 102



Client Sample ID: B-1 0-2 ft York Sample ID: 20A0844-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 8:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

<u>Log-in Notes:</u> Sample Notes

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	Aethod	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		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.3	194	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
83-32-9	Acenaphthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
208-96-8	Acenaphthylene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
62-53-3	Aniline	ND		ug/kg dry	195	390	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	NELAC-N	Y10854,NJDEP,PADE	P	
120-12-7	Anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	ow
	. ,							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
	,							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
	, , , , , , , , , , , , , , , , , , ,							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
									CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	ow
	Sis(2 emorocally)/emer	1.12		00,					CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
	Sis(2 emoroisopropyr)emer	1.12		00,					CTDOH,NI	ELAC-NY10854,NJDI		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
				00,				Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
86-74-8	Carbazole	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
	Curouzore	TVD							CTDOH,NI	ELAC-NY10854,NJDI		
218-01-9	Chrysene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	ow
		11.12							CTDOH,NI	ELAC-NY10854,NJDI		~
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
	Diocitzo(a,n)anun acene	ND					-		CTDOH.NI	ELAC-NY10854,NJDI		٥.,
									. ,	,	•	



Client Sample ID: B-1 0-2 ft York Sample ID: 20A0844-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 8:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

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Sample Notes:

CAS No	o. 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		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D	OTTO OVENIE	01/28/2020 07:42	01/28/2020 14:47	OW
					40.0	07.0	•	Certifications:	CIDOH,NI	ELAC-NY10854,NJDI		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 14:47	OW
117-84-0	Di a cotal alabelete	ND		ug/kg dry	48.8	97.3	2	EPA 8270D	CTDOII,NI	01/28/2020 07:42	01/28/2020 14:47	OW
117-04-0	Di-n-octyl phthalate	ND		ug/kg ury	40.0	91.3	2	Certifications:	CTDOH.NI	ELAC-NY10854,NJDI		Ow
206-44-0	Fluoranthene	77.8	J	ug/kg dry	48.8	97.3	2	EPA 8270D	,	01/28/2020 07:42	01/28/2020 14:47	OW
	Tuoruntnene	7740	3					Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
86-73-7	Fluorene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	ow
								Certifications:	NELAC-N	Y10854,NJDEP,PADE	P	
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
67-72-1	Hexachloroethane	ND		ug/kg dry	48.8	97.3	2	EPA 8270D	CTDOH NI	01/28/2020 07:42	01/28/2020 14:47	OW
102.20.5		ND		/! 4	48.8	97.3	2	Certifications:	CIDOH,NI	ELAC-NY10854,NJDI		OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 14:47 EPPADEP	OW
78-59-1	Isanharana	ND		ug/kg dry	48.8	97.3	2	EPA 8270D	012011,111	01/28/2020 07:42	01/28/2020 14:47	OW
70-37-1	Isophorone	ND		ug/kg ury	40.0	71.5	2	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		011
91-20-3	Naphthalene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
	1 aprillation	112		0 0 7				Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
98-95-3	Nitrobenzene	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
85-01-8	Phenanthrene	49.8	J	ug/kg dry	48.8	97.3	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 14:47 EP PADEP	OW
129-00-0	Pyrene	69.2	ī	ug/kg dry	48.8	97.3	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
	1 Jiene	07.2	3				-	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
110-86-1	Pyridine	ND		ug/kg dry	195	390	2	EPA 8270D		01/28/2020 07:42	01/28/2020 14:47	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						

Surrogate Recoveries Result Acceptance Range

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Page 9 of 102



Client Sample ID: B-1 0-2 ft York Sample ID: 20A0844-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 8:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-	in N	lotes:

Sample Notes:

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL LOC	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

Sample Prepared by Method: EPA 3550C

	in			

Sample Notes:

CAS No	o. Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference M	lethod	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
72-55-9	4,4'-DDE	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
50-29-3	4,4'-DDT	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
309-00-2	Aldrin	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
319-84-6	alpha-BHC	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications: N	NELAC-NY	10854,NJDEP		
319-85-7	beta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
57-74-9	Chlordane, total	ND		ug/kg dry	38.9	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
319-86-8	delta-BHC	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
60-57-1	Dieldrin	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
959-98-8	Endosulfan I	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
33213-65-9	Endosulfan II	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications: C	CTDOH,NE	LAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications: C	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
72-20-8	Endrin	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications: C	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
53494-70-5	Endrin ketone	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.94	5	EPA 8081B		01/27/2020 07:41	01/28/2020 17:55	CM
							Certifications: C		LAC-NY10854,NJDI		



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 <u>Collection Date/Time</u> January 22, 2020 8:30 am Date Received 01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

Log-	in N	01	tes:

Sample Notes:

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-NY	01/27/2020 07:41 Y10854,NJDEP	01/28/2020 17:55	СМ
76-44-8	Heptachlor	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 17:55 EP,PADEP	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.94	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 17:55 EP,PADEP	СМ
72-43-5	Methoxychlor	ND		ug/kg dry	9.72	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 17:55 EP,PADEP	СМ
8001-35-2	Toxaphene	ND		ug/kg dry	98.4	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 17:55 EP,PADEP	СМ
	Surrogate Recoveries	Result		Acceptance Ra							
2051-24-3	Surrogate: Decachlorobiphenyl	71.2 %		30-1	50						
877-09-8	Surrogate: Tetrachloro-m-xylene	43.9 %		30-1	50						

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

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-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:06 EP,PADEP	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:06 EP,PADEP	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:06 EP,PADEP	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:06 EP,PADEP	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:06 EP,PADEP	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:06 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:06 EP,PADEP	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
	Surrogate Recoveries	Result		Acceptance	e Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	65.0 %		30-1	40						
2051-24-3	Surrogate: Decachlorobiphenyl	68.0 %		30-1	40						



Client Sample ID: B-1 0-2 ft York Sample ID: 20A0844-01

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 8:30 am01/23/2020

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

<u>Log-in Notes:</u> <u>Sample Notes:</u>

CAS N	o. Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Metl	Date/Time nod Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	13200	В	mg/kg dry	5.91	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EPPADEP	TJM
7440-38-2	Arsenic	3.35		mg/kg dry	1.77	1	EPA 6010D	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16	TJM
7440-39-3	Barium	116		mg/kg dry	2.95	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.355	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-70-2	Calcium	1630		mg/kg dry	5.91	1	EPA 6010D	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16	TJM
7440-47-3	Chromium	28.8		mg/kg dry	0.591	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-48-4	Cobalt	12.4		mg/kg dry	0.473	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-50-8	Copper	30.8		mg/kg dry	2.36	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7439-89-6	Iron	21100		mg/kg dry	29.5	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7439-92-1	Lead	55.6		mg/kg dry	0.591	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7439-95-4	Magnesium	4560		mg/kg dry	5.91	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7439-96-5	Manganese	431		mg/kg dry	0.591	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-02-0	Nickel	23.9		mg/kg dry	1.18	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-09-7	Potassium	2100		mg/kg dry	5.91	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-22-4	Silver	ND		mg/kg dry	0.591	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-23-5	Sodium	75.0		mg/kg dry	59.1	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16 EP,PADEP	TJM
7440-62-2	Vanadium	35.8		mg/kg dry	1.18	1	EPA 6010D	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16	TJM
7440-66-6	Zinc	261		mg/kg dry	2.95	1	EPA 6010D	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:16	TJM



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

Client Project ID York Project (SDG) No. Matrix Collection Date/Time Date Received 431 Concord Soil January 22, 2020 8:30 am 01/23/2020 20A0844

Log-in Notes: Sample Notes: Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Date/Time Date/Time Reported to Dilution CAS No. Parameter Result Flag Units ĹOQ Reference Method Prepared Analyzed Analyst 01/23/2020 16:33 7439-97-6 EPA 7473 01/23/2020 20:19 Mercury ND mg/kg dry 0.0355MAO CTDOH,NJDEP,NELAC-NY10854,PADEP Certifications

Log-in Notes: Total Solids Sample Notes:

Sample Prepared by Method: % Solids Prep

Date/Time Date/Time Reported to Dilution CAS No. Parameter Result Flag Units LOQ Reference Method Prepared Analyzed Analyst SM 2540G 01/27/2020 11:14 01/27/2020 16:33 solids % 0.100 JAG * % Solids 84.6 Certifications: CTDOH

Sample Information

Client Sample ID: B-1 10-12 ft York Sample ID: 20A0844-02

York Project (SDG) No. Client Project ID Matrix Collection Date/Time Date Received 20A0844 431 Concord Soil January 22, 2020 9:00 am 01/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes: Sample Notes:

Sample Prepared	d 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,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	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,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 05:43 2058,NJDEP,PAE	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 05:43 2058,NJDEP	LLJ

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Page 13 of 102

20A0844-01



<u>Client Sample ID:</u> B-1 10-12 ft <u>York Sample ID:</u> 20A0844-02

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:00 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No	o. 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		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	NELAC-NY	/10854,NELAC-NY1	2058,NJDEP,PAE	
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	NELAC-NY	/10854,NELAC-NY1	2058,NJDEP,PAE	
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NE	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-13-1	Acrylonitrile	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NE	ELAC-NY10854,NEL	AC-NY12058,NJ	
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	NELAC-NY	/10854,NELAC-NY1	2058,NJDEP,PAE	
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	



<u>Client Sample ID:</u> B-1 10-12 ft <u>York Sample ID:</u> 20A0844-02

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:00 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

<u>Log-in Notes:</u> Sample Notes

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Mo	ethod	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: C	TDOU NI	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 05:43	LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	IDOH,NI	01/25/2020 19:43	01/26/2020 05:43	LLJ
/3-13-0	Carbon disumde	ND		ug/kg ury	2.7	5.5			TDOH,NI	ELAC-NY10854,NEL		LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications: C	TDOH,NI	ELAC-NY10854,NELA	AC-NY12058,NJ	
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications: C	TDOH,NI	ELAC-NY10854,NELA	AC-NY12058,NJ	
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
									TDOH,NE	ELAC-NY10854,NEL		
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: C	TDOU NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43	LLJ
71 97 2	Chloromothono	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	1DOII,IVI	01/25/2020 19:43	01/26/2020 05:43	LLJ
74-87-3	Chloromethane	ND		ug/kg ury	2.1	3.3	1		TDOH,NE	01/23/2020 19.43 ELAC-NY10854,NEL		LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
	, <u>-</u> ,,							Certifications: C	TDOH,NI	ELAC-NY10854,NELA	AC-NY12058,NJ	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications: C	TDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
110-82-7	Cyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications: N	ELAC-NY	710854,NELAC-NY12	2058,NJDEP,PAE	
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
									ELAC-NY	/10854,NELAC-NY12		
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications: N	FLAC-NY	01/25/2020 19:43 /10854,NELAC-NY12	01/26/2020 05:43	LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	LL/(C-IV)	01/25/2020 19:43	01/26/2020 05:43	LLJ
73-71-0	Diemoroamane	ND		ug/kg ury	2.7	5.5			ELAC-NY	710854,NELAC-NY12		LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
	.,							Certifications: C	TDOH,NI	ELAC-NY10854,NELA	AC-NY12058,NJ	
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications: N	ELAC-NY	/10854,NELAC-NY12	2058,NJDEP,PAE	
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
									TDOH,NE	ELAC-NY10854,NEL		
79-20-9	Methyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	EL AC NI	01/25/2020 19:43	01/26/2020 05:43	LLJ
1624 04 4	Mathed test bested ather (MTDE)	ND		va/Ira des	2.7	5.3	1	Certifications: NI EPA 8260C	ELAC-N	710854,NELAC-NY12 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	3.3	1		TDOH,NI	ELAC-NY10854,NEL		LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
		1.12		2 2 - 7					ELAC-NY	/10854,NELAC-NY12		
75-09-2	Methylene chloride	7.2	J	ug/kg dry	5.3	11	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications: C	TDOH,NI	ELAC-NY10854,NELA	AC-NY12058,NJ	
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 05:43	LLJ
								Certifications: C	TDOH,NI	ELAC-NY10854,NELA	AC-NY12058,NJ	



Client Sample ID: B-1 10-12 ft **York Sample ID:** 20A0844-02

Client Project ID York Project (SDG) No. Matrix Collection Date/Time Date Received 431 Concord Soil January 22, 2020 9:00 am 01/23/2020 20A0844

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

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	CEDOUAL	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	Certifications: EPA 8260C Certifications:		ELAC-NY10854,NEL 01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 /10854,NELAC-NY1	01/26/2020 05:43 2058,NJDEP,PAE	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	СТДОН	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,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 05:43 AC-NY12058,NJ	LLJ
	Surrogate Recoveries	Result		Acceptance Range		ge						
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							



<u>Client Sample ID:</u> B-1 10-12 ft <u>York Sample ID:</u> 20A0844-02

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:00 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes:	Sample Notes:
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CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	1ethod	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:	CTDOU NE	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		.AC-NY10854,NJDE 01/28/2020 07:42 10854,PADEP	01/28/2020 15:19	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42 10854,PADEP	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-NY	01/28/2020 07:42 10854,PADEP	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,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	NELAC-NY	01/28/2020 07:42 10854,NJDEP,PADEF	01/28/2020 15:19	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.4	191	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
83-32-9	Acenaphthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
62-53-3	Aniline	ND		ug/kg dry	191	382	2	EPA 8270D Certifications:	NELAC-NY	01/28/2020 07:42 10854,NJDEP,PADEF	01/28/2020 15:19	OW
120-12-7	Anthracene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications:	CTDOH,NEI	01/28/2020 07:42 AC-NY10854,NJDE	01/28/2020 15:19 P,PADEP	OW
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42 AC-NY10854,NJDE	01/28/2020 15:19	OW
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42 .AC-NY10854,NJDE	01/28/2020 15:19	OW

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Page 17 of 102



<u>Client Sample ID:</u> B-1 10-12 ft <u>York Sample ID:</u> 20A0844-02

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:00 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes: Sample Not

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	ethod	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		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		LAC-NY10854,NJDE 01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19	ow
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDF	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: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
86-74-8	Carbazole	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
218-01-9	Chrysene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
206-44-0	Fluoranthene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
86-73-7	Fluorene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: N	ELAC-NY	01/28/2020 07:42 10854,NJDEP,PADEI	01/28/2020 15:19	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19 EP,PADEP	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 15:19	OW



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 <u>Collection Date/Time</u> 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 M	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		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDE	EP,PADEP	
78-59-1	Isophorone	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
91-20-3	Naphthalene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
98-95-3	Nitrobenzene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDE	EP,PADEP	
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDE	EP,PADEP	
85-01-8	Phenanthrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDE	EP,PADEP	
129-00-0	Pyrene	ND		ug/kg dry	47.8	95.4	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDE	EP,PADEP	
110-86-1	Pyridine	ND		ug/kg dry	191	382	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:19	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDE	EP,PADEP	
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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

Sample Prepared by Method: EPA 3550C

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Sample Notes:

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



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 <u>Collection Date/Time</u> January 22, 2020 9:00 am Date Received 01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

Log-in Notes: Sample Notes:

CAS No	o. 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		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B	OTD ON A	01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
60-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B	CTPOHAI	01/27/2020 07:41	01/28/2020 18:12	CM
					1.05	_	Certifications:	CIDOH,NI	ELAC-NY10854,NJDI		
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOLLNI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 18:12	CM
22212 (5.0	D 1 10 W			4 1	1.07	-		CTDOII,NI			C) I
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH NE	01/27/2020 07:41 ELAC-NY10854	01/28/2020 18:12	CM
1031-07-8	F 1 10 104	ND		ug/kg dry	1.87	5	EPA 8081B	CIDOII,IVI	01/27/2020 07:41	01/28/2020 18:12	СМ
1031-07-8	Endosulfan sulfate	ND		ug/kg diy	1.07	3	Certifications:	CTDOH NE	ELAC-NY10854,NJDI		CIVI
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
72-20-0	Endin	ND		ug/kg ury	1.07	,	Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		Civi
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
, , .	Enam adenyde	ND					Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	NELAC-NY	710854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
72-43-5	Methoxychlor	ND		ug/kg dry	9.34	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
8001-35-2	Toxaphene	ND		ug/kg dry	94.6	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:12	CM
							Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
	Surrogate Recoveries	Result		Acceptanc	e Range						
2051-24-3	Surrogate: Decachlorobiphenyl	58.7 %		30-1	150						
877-09-8	Surrogate: Tetrachloro-m-xylene	63.9 %		30-1	150						

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No	0.	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 18:20	SR
								Certifications:	NELAC-N	Y10854,CTDOH,NJDI	EP,PADEP	

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Page 20 of 102



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)

Sample Prepared by Method: EPA 3550C

		TA T	
1.0	σ_in	- IN	otes:
LU	2-111	⊥ 1	uics.

Sample Notes:

CAS No	o. 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-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:20 EP,PADEP	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:20 EP,PADEP	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:20 EP,PADEP	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:20 EP,PADEP	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:20 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:20 EP,PADEP	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
	Surrogate Recoveries	Result		Acceptanc	e Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	72.5 %		30-1	40						
2051-24-3	Surrogate: Decachlorobiphenyl	63.5 %		30-1	40						

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No	o. Paramo	eter Result	Flag	Units	Reported to LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11800	В	mg/kg dry	5.74	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-38-2	Arsenic	2.47		mg/kg dry	1.72	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-39-3	Barium	121		mg/kg dry	2.87	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.344	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-70-2	Calcium	2540		mg/kg dry	5.74	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-47-3	Chromium	35.0		mg/kg dry	0.574	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-48-4	Cobalt	19.4		mg/kg dry	0.459	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM
7440-50-8	Copper	35.9		mg/kg dry	2.30	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 P,PADEP	TJM



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 <u>Collection Date/Time</u> January 22, 2020 9:00 am Date Received 01/23/2020

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

	Log-i	n N	ot	es:
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Sample Notes:

CAS No	o. 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.N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP.PADEP	TJM
7439-92-1	Lead	6.20		mg/kg dry	0.574	1	EPA 6010D	ŕ	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19	TJM
7439-95-4	Magnesium	5250		mg/kg dry	5.74	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7439-96-5	Manganese	548		mg/kg dry	0.574	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7440-02-0	Nickel	43.8		mg/kg dry	1.15	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7440-09-7	Potassium	3430		mg/kg dry	5.74	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7440-23-5	Sodium	125		mg/kg dry	57.4	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7440-62-2	Vanadium	43.3		mg/kg dry	1.15	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM
7440-66-6	Zinc	54.8		mg/kg dry	2.87	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:19 EP,PADEP	TJM

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

I Ag_in	Notes:
1708-III	110165.

Sample Notes:

CAS	No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilutio	n Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury		ND		mg/kg dry	0.0344	1	EPA 7473	CTDOLLN	01/23/2020 16:33	01/23/2020 20:27	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prep	ared by Method: % S	olids 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:	СТДОН	01/27/2020 11:14	01/27/2020 16:33	JAG

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Page 22 of 102



Client Sample ID: B-2 0-2 ft York Sample ID: 20A0844-03

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

	Samp	ole	Pre	pared	by	Method:	EPA	5035A	١
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CAS No	o. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference 1	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		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C	CTROUN	01/25/2020 19:43	01/26/2020 06:09	LLJ
	(Freon 113)					2.5		Certifications:	CTDOH,N	ELAC-NY10854,NEL		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09	LLJ
75 24 2	110:11 1	ND		7. 1	1.7	2.5	,		CTDOII,N			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1./	3.5	1	EPA 8260C Certifications:	CTDOH N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058 NI	LLJ
75.25.4	110:11 4.1	NID		ug/kg dry	1.7	3.5	1		CIDOII,IV	01/25/2020 19:43	01/26/2020 06:09	
75-35-4	1,1-Dichloroethylene	ND		ug/kg ury	1./	3.3	1	EPA 8260C Certifications:	CTDOH N	01/23/2020 19.43 ELAC-NY10854,NEL		LLJ
87-61-6	1.2.2 Trighlorohonzono	ND		ug/kg dry	1.7	3.5	1	EPA 8260C	012011,11	01/25/2020 19:43	01/26/2020 06:09	LLJ
87-01-0	1,2,3-Trichlorobenzene	ND		ug/kg ury	1.7	5.5		Certifications:	NELAC-N	Y10854,NELAC-NY1		LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
,0 10 1	1,2,3-111011010p10pane	ND		ug ng ury		5.5	•	Certifications:	NELAC-N	Y10854,NELAC-NY1		223
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
	1,2,1 11011010001120110	ND						Certifications:	NELAC-N	Y10854,NELAC-NY1		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
	-,_,,			00,				Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
	,							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL		
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	70	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1		
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.5	1	EPA 8260C	omp.ovv:	01/25/2020 19:43	01/26/2020 06:09	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	

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Page 23 of 102



Client Sample ID: B-2 0-2 ft York Sample ID: 20A0844-03

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

591-78-6	2.11		Units				Reference		Prepared	Analyzed	Analyst
	2-Hexanone	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL	AC-NY12058,NJ	
108-10-1	4-Methyl-2-pentanone	ND	ug/kg dry	1.7	3.5	1	EPA 8260C	CEDOLLNE	01/25/2020 19:43	01/26/2020 06:09	LLJ
(7. (4.1		ND		2.5	7.0		Certifications:	CTDOH,NEI	AC-NY10854,NEL		
67-64-1	Acetone	ND	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	CTDOH,NEI	01/25/2020 19:43 LAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058,NJ	LLJ
107-02-8	Acrolein	ND	ug/kg dry	3.5	7.0	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL	AC-NY12058,NJ	
107-13-1	Acrylonitrile	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL	AC-NY12058,NJ	
71-43-2	Benzene	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL		
74-97-5	Bromochloromethane	ND	ug/kg dry	1.7	3.5	1	EPA 8260C	NEL LONN	01/25/2020 19:43	01/26/2020 06:09	LLJ
75.07.4	D E11 4	ND		1.7	2.5		Certifications:	NELAC-NY	10854,NELAC-NY1		
75-27-4	Bromodichloromethane	ND	ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH.NEI	01/25/2020 19:43 LAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058.NJ	LLJ
75-25-2	Bromoform	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
,5 20 2	Biomoloim	ND					Certifications:	CTDOH,NEI	AC-NY10854,NEL		
74-83-9	Bromomethane	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL	AC-NY12058,NJ	
75-15-0	Carbon disulfide	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL	AC-NY12058,NJ	
56-23-5	Carbon tetrachloride	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL		
108-90-7	Chlorobenzene	ND	ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH NEI	01/25/2020 19:43 LAC-NY10854,NEL	01/26/2020 06:09	LLJ
75-00-3	Cl.1 d	ND	va/Ira deri	1.7	3.5	1	EPA 8260C	CTDOII,NEI	01/25/2020 19:43	01/26/2020 06:09	LLJ
/3-00-3	Chloroethane	ND	ug/kg dry	1./	5.5	1	Certifications:	CTDOH,NEI	LAC-NY10854,NEL		LLJ
67-66-3	Chloroform	ND	ug/kg dry	1.7	3.5	1	EPA 8260C	,	01/25/2020 19:43	01/26/2020 06:09	LLJ
	Cindidian	1.5					Certifications:	CTDOH,NEI	AC-NY10854,NEL	AC-NY12058,NJ	
74-87-3	Chloromethane	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL	AC-NY12058,NJ	
156-59-2	cis-1,2-Dichloroethylene	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
							Certifications:	CTDOH,NEI	LAC-NY10854,NEL	AC-NY12058,NJ	
10061-01-5	cis-1,3-Dichloropropylene	ND	ug/kg dry	1.7	3.5	1	EPA 8260C	OTTO OVENIE	01/25/2020 19:43	01/26/2020 06:09	LLJ
					2.5		Certifications:	CTDOH,NEI	AC-NY10854,NEL		
110-82-7	Cyclohexane	ND	ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 10854,NELAC-NY1	01/26/2020 06:09 2058 NIDEP PAT	LLJ
124-48-1	Dibromochloromethane	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
.27 70 1	Diotomocnioromentalic	ND	up up ur y		5.5		Certifications:	NELAC-NY	10854,NELAC-NY1		LLJ
74-95-3	Dibromomethane	ND	ug/kg dry	1.7	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:09	LLJ
			- •				Certifications:	NELAC-NY	10854,NELAC-NY1	2058,NJDEP,PAE	



Client Sample ID: B-2 0-2 ft **York Sample ID:** 20A0844-03

Client Project ID Date Received York Project (SDG) No. Matrix Collection Date/Time 431 Concord 20A0844 Soil January 22, 2020 9:30 am 01/23/2020

Log-in Notes:

Sample Notes:

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

CAS No	o. 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-NY	01/25/2020 19:43 /10854,NELAC-NY12	01/26/2020 06:09 2058,NJDEP,PAE	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 /10854,NELAC-NY12	01/26/2020 06:09 2058,NJDEP,PAE	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 06:09 AC-NY12058,NJ	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 /10854,NELAC-NY12	01/26/2020 06:09 2058,NJDEP,PAE	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 06:09 AC-NY12058,NJ	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 /10854,NELAC-NY12	01/26/2020 06:09 2058,NJDEP,PAE	LLJ
75-09-2	Methylene chloride	5.6	J	ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058,NJ	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058,NJ	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058,NJ	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 06:09 AC-NY12058,PA	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.5	7.0	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 06:09 AC-NY12058,PA	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 06:09 AC-NY12058,NJ	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 06:09	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	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:		01/25/2020 19:43 /10854,NELAC-NY12	01/26/2020 06:09	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.5	1	EPA 8260C		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	CIDOR,NE	01/25/2020 19:43	01/26/2020 06:09	LLJ

ug/kg dry 1.7

ug/kg dry 1.7

1.7

ug/kg dry

3.5

3.5

3.5

Toluene

trans-1,2-Dichloroethylene

trans-1,3-Dichloropropylene

108-88-3

156-60-5

10061-02-6

ND

ND

ND

Certifications:

EPA 8260C

Certifications:

EPA 8260C

Certifications:

EPA 8260C

Certifications:

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

LLJ

LLJ



Client Sample ID: B-2 0-2 ft York Sample ID: 20A0844-03

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes: Sample Notes:

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:	СТДОН	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,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 06:09 AC-NY12058,NJ	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.5	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058,NJ	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.2	10	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:09 AC-NY12058,NJ	LLJ
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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

Sample Prepared by Method: EPA 3550C

Log-in	N	otes:
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Sample Notes:

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	CTDOLLNI	01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	CIDOH,N	ELAC-NY10854,NJDE		
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	NELAC-N	Y10854,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	NELAC-N	Y10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	NELAC-N	Y10854,PADEP		
121-14-2	2.4-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
	z,. Dimilotolium	112		00,				Certifications:	CTDOH,N	ELAC-NY10854,NJDE	EP,PADEP	
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
000 20 2	2,0-Dimuotoluche	ND		ug ng un	10.1	70.0	-	Certifications:	CTDOH.N	ELAC-NY10854,NJDE		0
01.50.7	2.611	ND		ug/kg dry	48.4	96.6	2	EPA 8270D	, ,	01/28/2020 07:42	01/28/2020 15:50	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg ury	40.4	90.0	2	Certifications:	CTDOU N	ELAC-NY10854,NJDE		OW
									C1DOII,N			
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDE	EP,PADEP	
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	NELAC-N	Y 10854, NJDEP, PADEI	2	
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDE	EP,PADEP	
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
				2 0 7				Certifications:	CTDOH.N	ELAC-NY10854,NJDE	EP.PADEP	

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Page 26 of 102



Client Sample ID: B-2 0-2 ft York Sample ID: 20A0844-03

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes: Sample Not

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		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D	CTDOUNT	01/28/2020 07:42	01/28/2020 15:50	OW
100.01.6	A NEW TE	ND		/! 4	06.6	102	2	Certifications:	C1DOH,NE	ELAC-NY10854,NJDI		OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.6	193	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50 P,PADEP	OW
83-32-9	Acenaphthene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	ow
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	P,PADEP	
208-96-8	Acenaphthylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	P,PADEP	
62-53-3	Aniline	ND		ug/kg dry	193	387	2	EPA 8270D	NEL AC NI	01/28/2020 07:42	01/28/2020 15:50	OW
120 12 7	A 0	ND		va/Ira des	48.4	96.6	2	Certifications:	NELAC-N1	710854,NJDEP,PADE 01/28/2020 07:42	01/28/2020 15:50	OW
120-12-7	Anthracene	ND		ug/kg dry	40.4	90.0	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07.42 ELAC-NY10854,NJDF		OW
56-55-3	Benzo(a)anthracene	80.3	J	ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
	()							Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	P,PADEP	
50-32-8	Benzo(a)pyrene	61.0	J	ug/kg dry	48.4	96.6	2	EPA 8270D	CTDOUNT	01/28/2020 07:42	01/28/2020 15:50	OW
205-99-2	Danga (b) fluoreanth and	54.8	ī	ug/kg dry	48.4	96.6	2	Certifications: EPA 8270D	CTDOH,NE	ELAC-NY10854,NJDF 01/28/2020 07:42	01/28/2020 15:50	OW
203-77-2	Benzo(b)fluoranthene	54.0	J	ug/kg ury	40.4	70.0	2	Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		0 **
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	ow
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	P,PADEP	
207-08-9	Benzo(k)fluoranthene	48.6	J	ug/kg dry	48.4	96.6	2	EPA 8270D	CTDOUNT	01/28/2020 07:42	01/28/2020 15:50	OW
85-68-7	D 1 b (-11 b-11111111 -	ND		na/ka dry	48.4	96.6	2	Certifications: EPA 8270D	CTDOH,NE	ELAC-NY10854,NJDF 01/28/2020 07:42	01/28/2020 15:50	OW
03-00-7	Benzyl butyl phthalate	ND		ug/kg dry	40.4	90.0	2	Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		Ow
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	ow
	3,							Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	P,PADEP	
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDE	P,PADEP	
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.4	96.6	2	EPA 8270D	CTDOUNT	01/28/2020 07:42	01/28/2020 15:50	OW
117.01.7	D: (2 4 H D 14 14	ND		va/ka des	49.4	96.6	2	Certifications:	CTDOH,NE	ELAC-NY10854,NJDF 01/28/2020 07:42	01/28/2020 15:50	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.4	90.0	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 ELAC-NY10854,NJDE		OW
86-74-8	Carbazole	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	ow
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDE	P,PADEP	
218-01-9	Chrysene	74.1	J	ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	CTDOH NE	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50 PPADEP	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	48.4	96.6	2	EPA 8270D	CIDOII,NI	01/28/2020 07:42	01/28/2020 15:50	OW
	DIOMZOIUIAII	ND		ug ng ui y	70.7	70.0	2	Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		311
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42	01/28/2020 15:50	OW
	* *			-				Certifications:		ELAC-NY10854,NJDF		

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Page 27 of 102



Client Sample ID: B-2 0-2 ft York Sample ID: 20A0844-03

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes:	Sample Notes:
LIGHT TOTON	Bumple 110

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference N	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D	CTDOU NE	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		ELAC-NY10854,NJDF 01/28/2020 07:42 ELAC-NY10854,NJDF	01/28/2020 15:50	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDF	01/28/2020 15:50	OW
206-44-0	Fluoranthene	157		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50	OW
86-73-7	Fluorene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 10854,NJDEP,PADE	01/28/2020 15:50	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D	CTDOH.NE	01/28/2020 07:42 ELAC-NY10854,NJDF	01/28/2020 15:50 EP.PADEP	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDF	01/28/2020 15:50	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	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		01/28/2020 07:42 ELAC-NY10854,NJDF	01/28/2020 15:50	OW
78-59-1	Isophorone	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50	OW
91-20-3	Naphthalene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	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		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50 EP,PADEP	OW
85-01-8	Phenanthrene	91.9	J	ug/kg dry	48.4	96.6	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 15:50	OW
129-00-0	Pyrene	148		ug/kg dry	48.4	96.6	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 ELAC-NY10854,NJDF	01/28/2020 15:50 EP,PADEP	OW
110-86-1	Pyridine	ND		ug/kg dry	193	387	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 ELAC-NY10854,NJDF	01/28/2020 15:50 EP,PADEP	OW
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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							

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Page 28 of 102



Client Sample ID: B-2 0-2 ft York Sample ID: 20A0844-03

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:30 am01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

Log-in Notes:	Sample Notes:
LOZ III TIOCCS.	Bampic Hotes.

CAS No	o. Parameter	Result	Flag Units	Reported to LOQ	Dilution	Reference M	ethod Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
72-55-9	4,4'-DDE	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
50-29-3	4,4'-DDT	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
309-00-2	Aldrin	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
319-84-6	alpha-BHC	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
5103-71-9	alpha-Chlordane	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: N	IELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
57-74-9	Chlordane, total	ND	ug/kg dry	38.5	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
319-86-8	delta-BHC	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
60-57-1	Dieldrin	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
959-98-8	Endosulfan I	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	CM
						Certifications: C	TDOH,NELAC-NY10854,N	DEP,PADEP	
33213-65-9	Endosulfan II	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	СМ
						Certifications: C	TDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	СМ
							TDOH,NELAC-NY10854,N		
72-20-8	Endrin	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	СМ
	Zildriii	NB					TDOH,NELAC-NY10854,N		
7421-93-4	Endrin aldehyde	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	1 01/28/2020 18:29	СМ
	Endrin didenyde	NB					TDOH,NELAC-NY10854,N		-
53494-70-5	Endrin ketone	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	1 01/28/2020 18:29	СМ
	Zildriii Retolie	NB					TDOH,NELAC-NY10854,N		
58-89-9	gamma-BHC (Lindane)	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	1 01/28/2020 18:29	СМ
50 07 7	gamma-Bire (Emdane)	ND					TDOH,NELAC-NY10854,N		0
5566-34-7	gamma-Chlordane	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4		СМ
3300 34 7	gamma-emordane	ND	<i>ug ug ui</i> y	1.72			IELAC-NY10854,NJDEP	01/20/2020 10:29	Civi
76-44-8	Heptachlor	ND	ug/kg dry	1.92	5	EPA 8081B	01/27/2020 07:4	01/28/2020 18:29	СМ
70 41 0	Перистог	ND	ug/kg diy	1.72	5		TDOH,NELAC-NY10854,N		Civi
1024-57-3	Hentachlor enovide	ND	ug/kg dry	1.92	5	EPA 8081B	,	1 01/28/2020 18:29	СМ
1024-37-3	Heptachlor epoxide	ND	ug/kg ui y	1.74	3		01/2//2020 07.4 TDOH,NELAC-NY10854,N		CIVI
72 42 5	Mathayyyahlar	ND	no/lea des	0.62	5	EPA 8081B		1 01/28/2020 18:29	СМ
72-43-5	Methoxychlor	ND	ug/kg dry	9.62	5		01/2//2020 07:4 TDOH,NELAC-NY10854,N		CM



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 <u>Collection Date/Time</u> January 22, 2020 9:30 am Date Received 01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

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

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3550C

Log-in Notes: S	ample Notes:
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CAS No	o. 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:	NEL AC N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:33	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:		01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:33	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:		01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:33	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:33 EP,PADEP	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:33 EP,PADEP	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:33 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:33 EP,PADEP	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
	Surrogate Recoveries	Result		Acceptance Ra							
877-09-8	Surrogate: Tetrachloro-m-xylene	83.5 %		30-1	140						
2051-24-3	Surrogate: Decachlorobiphenyl	73.5 %		30-1	140						

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No	. Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Metl	Date/Time nod Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	23000	В	mg/kg dry	5.85	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:27 EP,PADEP	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:27 EP,PADEP	TJM
7440-38-2	Arsenic	4.70		mg/kg dry	1.75	1	EPA 6010D Certifications: CTD	01/24/2020 10:27 OH,NELAC-NY10854,NJDI	01/27/2020 11:27 EP,PADEP	TJM

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Page 30 of 102



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 <u>Collection Date/Time</u> January 22, 2020 9:30 am Date Received 01/23/2020

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

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

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No) .	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury		ND		mg/kg dry	0.0351	1	EPA 7473		01/23/2020 16:33	01/23/2020 20:36	MAO
								Certifications:	CTDOH,N.	IDEP,NELAC-NY1085	54,PADEP	

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Page 31 of 102



Client Sample ID: B-2 0-2 ft York Sample ID: 20A0844-03

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 9:30 am01/23/2020

Total Solids <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: % Solids Prep

CAS	No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Mo	ethod	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids		85.5		%	0.100	1	SM 2540G		01/27/2020 11:14	01/27/2020 16:33	JAG
								Certifications: C	TDOH			

Sample Information

Client Sample ID: B-2 10-12 ft York Sample ID: 20A0844-04

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:00 am01/23/2020

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
30-20-6	1,1,1,2-Tetrachloroethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
1-55-6	1,1,1-Trichloroethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
9-34-5	1,1,2,2-Tetrachloroethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
6-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	(Freon 113)						Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
9-00-5	1,1,2-Trichloroethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
5-34-3	1,1-Dichloroethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
5-35-4	1,1-Dichloroethylene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
7-61-6	1,2,3-Trichlorobenzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	, ,						Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
6-18-4	1,2,3-Trichloropropane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	1 1						Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP	
20-82-1	1,2,4-Trichlorobenzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	,,						Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
5-63-6	1,2,4-Trimethylbenzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	, ,						Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
6-12-8	1,2-Dibromo-3-chloropropane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	,						Certifications:	CTDOH,N			
06-93-4	1,2-Dibromoethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	7,2 2.10.10moonane	110					Certifications:	CTDOH.N	ELAC-NY10854,NEL		

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Page 32 of 102



Client Sample ID: B-2 10-12 ft York Sample ID: 20A0844-04

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:00 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:	Sample Notes:

CAS No	. Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference N	Aethod	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
107-06-2	1,2-Dichloroethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
TO 07.5	4.6.00.11	170			2.2				AC-NY10854,NEL		
78-87-5	1,2-Dichloropropane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:		01/25/2020 19:43 AC-NY10854,NEL	01/26/2020 06:35 AC-NY12058,NJ	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	•						Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
541-73-1	1,3-Dichlorobenzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
106-46-7	1,4-Dichlorobenzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
									AC-NY10854,NEL		
123-91-1	1,4-Dioxane	ND	ug/kg dry	32	63	1	EPA 8260C Certifications:		01/25/2020 19:43 0854,NELAC-NY1	01/26/2020 06:35	LLJ
70.02.2	2.D. /	MD		1.6	2.2	1					
78-93-3	2-Butanone	ND	ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:		01/25/2020 19:43 AC-NY10854,NEL	01/26/2020 06:35 AC-NY12058.NJ	LLJ
591-78-6	2-Hexanone	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
371 70 0	2-11CAdilone	ND	ug ng ur)	1.0	J.2	•			AC-NY10854,NEL		LLJ
108-10-1	4-Methyl-2-pentanone	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	J 1						Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
67-64-1	Acetone	ND	ug/kg dry	3.2	6.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
107-02-8	Acrolein	ND	ug/kg dry	3.2	6.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
107-13-1	Acrylonitrile	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
									AC-NY10854,NEL		
71-43-2	Benzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
74.07.5	D 11 4	MD	valles des	1.6	2.2	1			AC-NY10854,NEL		
74-97-5	Bromochloromethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:		01/25/2020 19:43 0854,NELAC-NY1	01/26/2020 06:35 2058 NJDEP PAT	LLJ
75-27-4	Bromodichloromethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
70 27 .	Diomodicinoromediane	ND	ug ng ur)	1.0	J.2	•			AC-NY10854,NEL		220
75-25-2	Bromoform	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
74-83-9	Bromomethane	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
75-15-0	Carbon disulfide	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
							Certifications:	CTDOH,NEL	AC-NY10854,NEL	AC-NY12058,NJ	
56-23-5	Carbon tetrachloride	ND	ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
									AC-NY10854,NEL		
108-90-7	Chlorobenzene	ND	ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:		01/25/2020 19:43 AC-NY10854,NEL	01/26/2020 06:35	LLJ
							certifications:	C1DUH,NEL	AC-N I 10834,NEL	AC-IN I 12038,INJ	

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Page 33 of 102



Client Sample ID: B-2 10-12 ft York Sample ID: 20A0844-04

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:00 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:	Sample Notes:
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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		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL		
74-87-3	Chloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:35 AC-NY12058,NJ	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	,							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
110-82-7	Cyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	NEL AC N	01/25/2020 19:43 Y10854,NELAC-NY1:	01/26/2020 06:35	LLJ
74-95-3	Dibramamathana	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	NLLAC-N	01/25/2020 19:43	01/26/2020 06:35	LLJ
74-93-3	Dibromomethane	ND		ug/kg ury	1.0	3.2	1	Certifications:	NELAC-N	Y10854,NELAC-NY1		LLJ
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
		1,2						Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	CTTP OVEN	01/25/2020 19:43	01/26/2020 06:35	LLJ
70.20.0	M. d. d	ND		4 1	1.6	2.2		Certifications:	CIDOH,N	ELAC-NY10854,NEL		
79-20-9	Methyl acetate	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY1:	01/26/2020 06:35 2058 NIDEP PAT	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	TILLITO IT	01/25/2020 19:43	01/26/2020 06:35	LLJ
1034 04 4	Methyl ten-butyl ether (MTBL)	ND		ug ng ur y	1.0	5.2		Certifications:	CTDOH,N	ELAC-NY10854,NEL		LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
75-09-2	Methylene chloride	ND		ug/kg dry	3.2	6.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C Certifications:	CTDOH N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 06:35 AC-NV12058 NI	LLJ
95-47-6	a Vilana	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	CIDOII,II	01/25/2020 19:43	01/26/2020 06:35	LLJ
/J=¶/=U	o-Xylene	ND		u _S , xg ui y	1.0	<i>ع</i> . د	1	Certifications:	CTDOH,N	ELAC-NY10854,NEL		ьЫ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.2	6.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	, , ,							Certifications:	CTDOH,N	ELAC-NY10854,NEL		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	OTROUGH	ELAC-NY10854,NEL		



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 <u>Collection Date/Time</u> January 22, 2020 10:00 am Date Received 01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference 1	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
00-42-5	Styrene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
8-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
27-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ			
08-88-3	Toluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
56-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
0061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
10-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH			
9-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	-							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
5-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
5-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
	-							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
330-20-7	Xylenes, Total	ND		ug/kg dry	4.7	9.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 06:35	LLJ
								Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
7060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	108 %			77-125							
037-26-5	Surrogate: SURR: Toluene-d8	91.7 %			85-120							
160-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.7 %			76-130							

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	lethod	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: C	CTDOH,NE	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: N	NELAC-NY	01/28/2020 07:42 10854,PADEP	01/28/2020 16:20	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: N	NELAC-NY	01/28/2020 07:42 10854,PADEP	01/28/2020 16:20	ow

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Page 35 of 102



Client Sample ID: B-2 10-12 ft York Sample ID: 20A0844-04

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:00 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

<u>Log-in Notes:</u> Sample Notes

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		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	NELAC-N	Y10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	NELAC-N	Y 10854,NJDEP,PADE	P	
99-09-2	3-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
	1 3 1 3							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
100-01-6	4-Nitroaniline	ND		ug/kg dry	86.9	174	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
83-32-9	Acenaphthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
208-96-8	Acenaphthylene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
62-53-3	Aniline	ND		ug/kg dry	174	348	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
		1,2						Certifications:	NELAC-N	Y 10854,NJDEP,PADEI	P	
120-12-7	Anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
	rindiacone	NB						Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
	Benzo(a)antinacene	ND						Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
50 52 0	Benzo(a)pyrene	ND					_	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		0
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
200 >> 2	Benzo(o)ndorantiene	ND		ug ng ury	13.0	00.9	-	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		0
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
171-24-2	Benzo(g,n,r)peryrene	ND		ug ng ury	43.0	00.7	-	Certifications:	CTDOH.NI	ELAC-NY10854,NJDI		0 **
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
207-00-7	DCH20(K)HUOI aHUHEHE	ND		us ng ury	15.0	50.7	2	Certifications:	CTDOH.NI	ELAC-NY10854,NJDI		ΟW
85-68-7	Donoral hutral wheth -1-4-	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
13-00-1	Benzyl butyl phthalate	ND		ug/kg ui y	43.0	00.9	2	Certifications:	CTDOH NI	01/28/2020 07.42 ELAC-NY10854,NJDI		OW
								Continuations.	CIDOII,INI		,	



Client Sample ID: B-2 10-12 ft York Sample ID: 20A0844-04

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:00 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes:	Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	ethod	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		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		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		LAC-NY10854,NJDE 01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20	OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20	OW
86-74-8	Carbazole	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
218-01-9	Chrysene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	ow
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	ow
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
206-44-0	Fluoranthene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	ow
86-73-7	Fluorene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: N	IELAC-NY	01/28/2020 07:42 10854,NJDEP,PADEF	01/28/2020 16:20	ow
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	ow
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	ow
67-72-1	Hexachloroethane	ND		ug/kg dry	43.6	86.9	2	EPA 8270D Certifications: C	TDOH,NEI	01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20 P,PADEP	OW
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20	OW
78-59-1	Isophorone	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20	OW
91-20-3	Naphthalene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDE	01/28/2020 16:20	OW



Client Sample ID: B-2 10-12 ft York Sample ID: 20A0844-04

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:00 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

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		01/28/2020 07:42	01/28/2020 16:20	ow
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	ow
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
85-01-8	Phenanthrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
129-00-0	Pyrene	ND		ug/kg dry	43.6	86.9	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
110-86-1	Pyridine	ND		ug/kg dry	174	348	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:20	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
	Surrogate Recoveries			Acce	ptance Ran	ge						
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

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS N	o. 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,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 18:46 EP,PADEP	СМ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 18:46 EP,PADEP	СМ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 18:46 EP,PADEP	СМ
309-00-2	Aldrin	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 18:46 EP,PADEP	СМ
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDF	01/28/2020 18:46 EP,PADEP	СМ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	NELAC-NY	01/27/2020 07:41 /10854,NJDEP	01/28/2020 18:46	СМ
319-85-7	beta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDF	01/28/2020 18:46 EP,PADEP	CM
57-74-9	Chlordane, total	ND		ug/kg dry	34.4	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 18:46 EP,PADEP	СМ
319-86-8	delta-BHC	ND		ug/kg dry	1.72	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDF	01/28/2020 18:46 EP,PADEP	CM

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Page 38 of 102



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 <u>Collection Date/Time</u> January 22, 2020 10:00 am Date Received 01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

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		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
33213-65-9	Endosulfan II	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
72-20-8	Endrin	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	NELAC-NY	Y10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
	-						Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
72-43-5	Methoxychlor	ND		ug/kg dry	8.60	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
	-						Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
8001-35-2	Toxaphene	ND		ug/kg dry	87.1	5	EPA 8081B		01/27/2020 07:41	01/28/2020 18:46	CM
	•						Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
	Surrogate Recoveries	Result		Acceptano	e Range						
2051-24-3	Surrogate: Decachlorobiphenyl	64.4 %		30-1	150						
877-09-8	Surrogate: Tetrachloro-m-xylene	64.7 %		30-1	150						

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS N	lo.	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-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:47 EP,PADEP	SR
11104-28-2	Aroclor 1221		ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:47 EP,PADEP	SR
11141-16-5	Aroclor 1232		ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:47 EP,PADEP	SR
53469-21-9	Aroclor 1242		ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	01/27/2020 07:41 01/27/2020 18:47 NELAC-NY10854,CTDOH,NJDEP,PADEP			SR

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Page 39 of 102



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 <u>Collection Date/Time</u> 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	o. 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-NY	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:47 EP,PADEP	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	NELAC-NY	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:47 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	NELAC-NY	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 18:47 EP,PADEP	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
	Surrogate Recoveries	Result		Acceptance	Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.0 %		30-14	10						
2051-24-3	Surrogate: Decachlorobiphenyl	67.5 %		30-14	10						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

CAS N	0.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum		20500	В	mg/kg dry	5.23	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-36-0	Antimony		ND		mg/kg dry	2.62	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-38-2	Arsenic		1.87		mg/kg dry	1.57	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-39-3	Barium		457		mg/kg dry	2.62	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-41-7	Beryllium		ND		mg/kg dry	0.052	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-43-9	Cadmium		0.462		mg/kg dry	0.314	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-70-2	Calcium		2260		mg/kg dry	5.23	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-47-3	Chromium		56.0		mg/kg dry	0.523	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-48-4	Cobalt		18.8		mg/kg dry	0.418	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-50-8	Copper		57.9		mg/kg dry	2.09	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7439-89-6	Iron		41000		mg/kg dry	26.2	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7439-92-1	Lead		3.16		mg/kg dry	0.523	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7439-95-4	Magnesium		12400		mg/kg dry	5.23	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7439-96-5	Manganese		376		mg/kg dry	0.523	1	EPA 6010D Certifications:	CTDOH.N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP.PADEP	TJM

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Page 40 of 102



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 <u>Collection Date/Time</u> January 22, 2020 10:00 am Date Received 01/23/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No	D.]	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,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-09-7	Potassium	14700		mg/kg dry	5.23	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-23-5	Sodium	211		mg/kg dry	52.3	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.62	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-62-2	Vanadium	129		mg/kg dry	1.05	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM
7440-66-6	Zinc	104		mg/kg dry	2.62	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:30 EP,PADEP	TJM

Mercury by 7473 <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: EPA 7473 soil

CAS N	0.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury		ND		mg/kg dry	0.0314	1	EPA 7473		01/23/2020 16:33	01/23/2020 20:45	MAO
								Certifications:	CTDOH NJDEP NELAC-NY 10854 PADEP			

Total Solids <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: % Solids Prep

CAS No.		Parameter	Result	Flag	Flag Units		Dilution	Reference Method		Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids		95.6		%	0.100	1	SM 2540G		01/27/2020 11:14	01/27/2020 16:33	JAG
								Certifications:	CTDOH			

Sample Information

Client Sample ID: B-3 0-2 ft York Sample ID: 20A0844-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:30 am01/23/2020

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Client Sample ID: B-3 0-2 ft York Sample ID: 20A0844-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:	Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	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		01/25/2020 19:43	01/26/2020 07:02	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
	(Freon 113)	NB							CTDOH,NI	ELAC-NY10854,NEL		
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
	1,1,2 Tremoroculaile	NB							CTDOH,NI	ELAC-NY10854,NEL		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
	1,1 Diemoroculane	NB							CTDOH,NI	ELAC-NY10854,NEL		
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
	1,1 Diemoroemyiene	NB							CTDOH,NI	ELAC-NY10854,NEL		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
	1,2,3 Triemorocciizone	NB							NELAC-N	Y10854,NELAC-NY12		
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
	1,2,5-Themoropropane	ND							NELAC-N	Y10854,NELAC-NY12		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	16	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
120 02 1	1,2,4-Themoroochzene	ND							NELAC-N	Y10854,NELAC-NY12		223
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
,5 05 0	1,2,4-11methylochzene	ND		ug ng ur y	1.0	J	•		CTDOH,NI	ELAC-NY10854,NEL		223
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	16	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
70 12 0	1,2-Dibromo-5-emoropropane	ND		ug ng ur y	1.0	J	•		CTDOH,NI	ELAC-NY10854,NEL		LLS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	16	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
100 75 4	1,2-Dioromoculatic	ND		ug ng un	1.0	J	•		CTDOH,NI	ELAC-NY10854,NEL		LLS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,2-Dichiorobelizene	ND		ug ng un	1.0	J	•		CTDOH,NI	ELAC-NY10854,NEL		223
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	16	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
107 00 2	1,2-Dichioroctilane	ND		ug ng un	1.0	J	•		CTDOH,NI	ELAC-NY10854,NEL		LLS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
70 07 5	1,2-Diemoropropune	ND		ug ng ur y	1.0	J	•		CTDOH,NI	ELAC-NY10854,NEL		223
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
100 07 0	1,5,5-11methyrochzene	ND		ug ng ur y	1.0	J	•		CTDOH,NI	ELAC-NY10854,NEL		LLS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
541 75 1	1,3-Diemorouenzene	ND		ug ng ur y	1.0	J	•		CTDOH,NI	ELAC-NY10854,NEL		LLS
106-46-7	1.4 Diablorobonzono	ND		ug/kg dry	1.6	3.1	1	EPA 8260C	ĺ	01/25/2020 19:43	01/26/2020 07:02	LLJ
100 70 /	1,4-Dichlorobenzene	ND		ug ng diy	1.0	5.1			CTDOH,NI	ELAC-NY10854,NEL		LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	31	62	1	EPA 8260C	- ,	01/25/2020 19:43	01/26/2020 07:02	LLJ
125-71-1	1,4-DIOAdiic	ND		ug ng diy	51	02			NELAC-N	Y10854,NELAC-NY12		LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ
10-73-3	2-DuidHUHÇ	ND		ug/Ag ui y	1.0	J.1	1		CTDOH N	ELAC-NY10854,NEL		LLJ
								Commeanons.	C1DOII,IN	DEATC-INTTUODH, INEE	110-111 12000,110	

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Page 42 of 102



B-3 0-2 ft **Client Sample ID:** York Sample ID: 20A0844-05

York Project (SDG) No. Client Project ID Matrix Collection Date/Time Date Received 431 Concord 01/23/2020 20A0844 Soil January 22, 2020 10:30 am

Log-in Notes:

Sample Notes:

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

75-15-0

56-23-5

108-90-7

75-00-3

67-66-3

74-87-3

156-59-2

10061-01-5

Carbon disulfide

Chlorobenzene

Chloroethane

Chloroform

Chloromethane

cis-1,2-Dichloroethylene

cis-1,3-Dichloropropylene

Carbon tetrachloride

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference 1	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,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 07:02 AC-NY12058,NJ	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 07:02 AC-NY12058,NJ	LLJ
67-64-1	Acetone	6.2	CCV-E	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 07:02 AC-NY12058,NJ	LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 07:02 AC-NY12058,NJ	LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 07:02 AC-NY12058,NJ	LLJ
71-43-2	Benzene	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 /10854,NELAC-NY12	01/26/2020 07:02 2058,NJDEP,PAE	LLJ
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 07:02 AC-NY12058,NJ	LLJ
75-25-2	Bromoform	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 07:02 AC-NY12058,NJ	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:02	LLJ

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CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ 01/25/2020 19:43

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

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Client Sample ID: B-3 0-2 ft York Sample ID: 20A0844-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

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	NEL ACAN	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	Certifications: EPA 8260C Certifications:		710854,NELAC-NY1 01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02	LLJ
87-68-3	Hexachlorobutadiene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:		01/25/2020 19:43 /10854,NELAC-NY1	01/26/2020 07:02	LLJ
98-82-8	Isopropylbenzene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
79-20-9	Methyl acetate	5.8	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 /10854,NELAC-NY1	01/26/2020 07:02 2058,NJDEP,PAE	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
108-87-2	Methylcyclohexane	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 /10854,NELAC-NY1	01/26/2020 07:02 2058,NJDEP,PAE	LLJ
75-09-2	Methylene chloride	3.3	J ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
104-51-8	n-Butylbenzene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
103-65-1	n-Propylbenzene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
95-47-6	o-Xylene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,PA	LLJ
179601-23-1	p- & m- Xylenes	ND	ug/kg dry	3.1	6.2	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,PA	LLJ
99-87-6	p-Isopropyltoluene	13	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
135-98-8	sec-Butylbenzene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
100-42-5	Styrene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	NELAC-NY	01/25/2020 19:43 /10854,NELAC-NY1	01/26/2020 07:02 2058,NJDEP,PAE	LLJ
98-06-6	tert-Butylbenzene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
127-18-4	Tetrachloroethylene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
108-88-3	Toluene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND	ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	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:	СТДОН	01/25/2020 19:43	01/26/2020 07:02	LLJ
	DEADOLL DDIVE	CTDATEODD OT	00045			120 00 00#	A)/ENUIE	-	DIGUNONDU		

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Page 44 of 102



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 <u>Collection Date/Time</u> 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	o. 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,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.1	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.7	9.3	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:02 AC-NY12058,NJ	LLJ
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	113 %			77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	96.4 %			85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			76-130							

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

CAS N	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:	CTDOU NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 16:51	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	,	01/28/2020 07:42 Y10854,PADEP	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-NY	01/28/2020 07:42 Y10854,PADEP	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-NY	01/28/2020 07:42 Y10854,PADEP	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,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 16:51 EP,PADEP	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 16:51 EP,PADEP	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 16:51 EP,PADEP	OW
91-57-6	2-Methylnaphthalene	63.8	J	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 16:51 EP,PADEP	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	NELAC-NY	01/28/2020 07:42 Y10854,NJDEP,PADEF	01/28/2020 16:51	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.8	185	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 16:51 EP,PADEP	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 16:51 EP,PADEP	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH.NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 16:51 EPPADEP	OW

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Page 45 of 102



Client Sample ID: B-3 0-2 ft York Sample ID: 20A0844-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

<u>Log-in Notes:</u>	Sample Notes:
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CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	1ethod	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	OTD OVENIE	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		LAC-NY10854,NJDI 01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51	OW
83-32-9	Acenaphthene	103		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDI	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,NE	01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51 EP,PADEP	OW
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications:	NELAC-NY	01/28/2020 07:42 10854,NJDEP,PADE	01/28/2020 16:51	OW
120-12-7	Anthracene	296		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51 EP,PADEP	OW
56-55-3	Benzo(a)anthracene	481		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDI	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,NE	01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51 EP,PADEP	OW
205-99-2	Benzo(b)fluoranthene	324		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51 EP,PADEP	OW
191-24-2	Benzo(g,h,i)perylene	213		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51 EP,PADEP	OW
207-08-9	Benzo(k)fluoranthene	304		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51 EP,PADEP	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51 EP,PADEP	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications:	CTDOH,NE	01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51 EP,PADEP	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDI	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		01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51	OW
86-74-8	Carbazole	113		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51	OW
218-01-9	Chrysene	435		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDI	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		01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51	OW
132-64-9	Dibenzofuran	108		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42 LAC-NY10854,NJDI	01/28/2020 16:51	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D		01/28/2020 07:42	01/28/2020 16:51	OW
								Certifications:	CIDOH,NE	LAC-NY10854,NJDI	EP,PADEP	

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Page 46 of 102



Client Sample ID: B-3 0-2 ft York Sample ID: 20A0844-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	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	01/28/2020 07:42	01/28/2020 16:51	OW
									TDOH,NELAC-NY10854,NJE		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: C	01/28/2020 07:42 TDOH,NELAC-NY10854,NJE	01/28/2020 16:51 EPPADEP	OW
206-44-0	Fluoranthene	1180		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
	1 Tuor antinene	1100							TDOH,NELAC-NY10854,NJE	EP,PADEP	
86-73-7	Fluorene	125		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
									IELAC-NY10854,NJDEP,PADI		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: C	01/28/2020 07:42 TDOH,NELAC-NY10854,NJE	01/28/2020 16:51 EPPADEP	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
87-00-3	Tiexaciiiofobutaticiie	ND		ug kg ury	40.5	72.0	-		TDOH,NELAC-NY10854,NJE		011
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
	• •							Certifications: C	TDOH,NELAC-NY10854,NJE	EP,PADEP	
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
									TDOH,NELAC-NY10854,NJE		
193-39-5	Indeno(1,2,3-cd)pyrene	213		ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: C	01/28/2020 07:42 TDOH,NELAC-NY10854,NJE	01/28/2020 16:51 EPPADEP	OW
78-59-1	Isophorone	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
70 37 1	Isophotone	ND		ug ng un	10.5	72.0	-		TDOH,NELAC-NY10854,NJE		0,11
91-20-3	Naphthalene	111		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
								Certifications: C	TDOH,NELAC-NY10854,NJE	EP,PADEP	
98-95-3	Nitrobenzene	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
					47.5	02.0	•		TDOH,NELAC-NY10854,NJE	· 1	
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	46.5	92.8	2	EPA 8270D Certifications: C	01/28/2020 07:42 TDOH,NELAC-NY10854,NJE	01/28/2020 16:51 EPPADEP	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
021 01 7	N-miroso-di-n-propyramme	ND		ug ng ury	10.5	72.0	-		TDOH,NELAC-NY10854,NJE		0.,
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
								Certifications: C	TDOH,NELAC-NY10854,NJE	EP,PADEP	
85-01-8	Phenanthrene	1110		ug/kg dry	46.5	92.8	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
129-00-0	D	020		ug/kg dry	46.5	92.8	2	Certifications: C EPA 8270D	TDOH,NELAC-NY10854,NJE 01/28/2020 07:42	01/28/2020 16:51	OW
129-00-0	Pyrene	930		ug/kg ary	40.3	92.8	2		TDOH,NELAC-NY10854,NJE		OW
110-86-1	Pyridine	ND		ug/kg dry	186	372	2	EPA 8270D	01/28/2020 07:42	01/28/2020 16:51	OW
								Certifications: C	TDOH,NELAC-NY10854,NJE	EP,PADEP	
	Surrogate Recoveries	Result		Acce	ptance Ran	ge					
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						



Client Sample ID: B-3 0-2 ft York Sample ID: 20A0844-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:30 am01/23/2020

Pesticides, 8081 target list

Log-in Notes:	Sample Notes
LIUZ-III I TUUCS.	Sample Mules

CAS No	o. 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: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EPPADEP	СМ
72-55-9	4,4'-DDE	ND	ug/kg dry	1.85	5	EPA 8081B	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02	CM
50-29-3	4,4'-DDT	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	СМ
309-00-2	Aldrin	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	СМ
319-84-6	alpha-BHC	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
5103-71-9	alpha-Chlordane	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC	01/27/2020 07:41 -NY10854,NJDEP	01/28/2020 19:02	CM
319-85-7	beta-BHC	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOE	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
57-74-9	Chlordane, total	ND	ug/kg dry	36.9	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
319-86-8	delta-BHC	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
60-57-1	Dieldrin	13.5	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
959-98-8	Endosulfan I	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
33213-65-9	Endosulfan II	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854	01/28/2020 19:02	CM
1031-07-8	Endosulfan sulfate	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
72-20-8	Endrin	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
7421-93-4	Endrin aldehyde	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
53494-70-5	Endrin ketone	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOF	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
58-89-9	gamma-BHC (Lindane)	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
5566-34-7	gamma-Chlordane	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC	01/27/2020 07:41 -NY10854,NJDEP	01/28/2020 19:02	CM
76-44-8	Heptachlor	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
1024-57-3	Heptachlor epoxide	ND	ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	CM
72-43-5	Methoxychlor	ND	ug/kg dry	9.24	5	EPA 8081B Certifications: CTDOH	01/27/2020 07:41 ,NELAC-NY10854,NJD	01/28/2020 19:02 EP,PADEP	СМ



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 <u>Collection Date/Time</u> January 22, 2020 10:30 am Date Received

Pesticides, 8081 target list

01/23/2020

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No	o. 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	01/27/2020 07:41	01/28/2020 19:02	СМ
							Certifications: CTDOH	NELAC-NY10854,NJD	EP,PADEP	
	Surrogate Recoveries	Result		Acceptanc	e Range					
2051-24-3	Surrogate: Decachlorobiphenyl	56.2 %		30-1	150					
877-09-8	Surrogate: Tetrachloro-m-xylene	35.9 %		30-1	150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS N	o. 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-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:01 EP.PADEP	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:		01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:01	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:		01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:01	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:		01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:01	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:		01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:01	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:		01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:01	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:01 EP,PADEP	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
	Surrogate Recoveries	Result		Acceptanc	e Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	53.5 %		30-1	40						
2051-24-3	Surrogate: Decachlorobiphenyl	55.0 %		30-1	40						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No	o. Par	rameter Result	Flag	Units	Reported to LOQ	Dilution	Reference M	Date/Time ethod Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14500	В	mg/kg dry	5.62	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJI	01/27/2020 11:32 DEP,PADEP	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJI	01/27/2020 11:32 DEP,PADEP	TJM
7440-38-2	Arsenic	1.97		mg/kg dry	1.69	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJI	01/27/2020 11:32 DEP,PADEP	TJM

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Page 49 of 102



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 <u>Collection Date/Time</u> January 22, 2020 10:30 am Date Received 01/23/2020

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

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

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

<u>Log-in Notes:</u> <u>Sample Notes:</u>

CAS N	lo.	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,N.	01/23/2020 16:33 IDEP,NELAC-NY1085	01/23/2020 20:55 54,PADEP	MAO
120 RF	ESEARCH DRIVE	:	STRATEORD C	Г 06615		1 3	12-02 89th	AVENUE		RICHMOND HII	II NY 11418	

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Page 50 of 102



Client Sample ID: B-3 0-2 ft York Sample ID: 20A0844-05

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 10:30 am01/23/2020

Total Solids <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: % Solids Prep

CAS N	vo.	Parameter	Result	Result Flag Units			Dilution	Reference Method		Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids		89.0		%	0.100	1	SM 2540G		01/27/2020 11:14	01/27/2020 16:33	JAG
								Certifications:	CTDOH			

Sample Information

Client Sample ID: B-3 10-12 ft York Sample ID: 20A0844-06

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:00 am01/23/2020

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
30-20-6	1,1,1,2-Tetrachloroethane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
1-55-6	1,1,1-Trichloroethane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
9-34-5	1,1,2,2-Tetrachloroethane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
6-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	(Freon 113)						Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
9-00-5	1,1,2-Trichloroethane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
5-34-3	1,1-Dichloroethane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
5-35-4	1,1-Dichloroethylene	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
7-61-6	1,2,3-Trichlorobenzene	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	, ,						Certifications:	NELAC-N	Y10854,NELAC-NY12	058,NJDEP,PAE	
6-18-4	1,2,3-Trichloropropane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	, ,-						Certifications:	NELAC-N	Y10854,NELAC-NY12	058,NJDEP	
20-82-1	1,2,4-Trichlorobenzene	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	-,-,						Certifications:	NELAC-N	Y10854,NELAC-NY12	058,NJDEP,PAE	
5-63-6	1,2,4-Trimethylbenzene	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	-,_,						Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
6-12-8	1,2-Dibromo-3-chloropropane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	-,						Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
06-93-4	1,2-Dibromoethane	ND	ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	1,2-Dioromoculane	TAD	ug ng ur)			•	Certifications:	CTDOH N	ELAC-NY10854,NEL		LLS

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Page 51 of 102



<u>Client Sample ID:</u> B-3 10-12 ft <u>York Sample ID:</u> 20A0844-06

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:00 am01/23/2020

Volatile Organics, 8260 - Comprehensive

<u>Log-in Notes:</u> Sample Notes

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		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	OTTO ON A VI	01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	CEDOUAN	01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications:	CTDOU NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:28	LLJ
	4.45				25	71			CTDOII,N			
123-91-1	1,4-Dioxane	ND		ug/kg dry	35	71	1	EPA 8260C Certifications:	NEL AC NO	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 07:28	LLJ
70.02.2	2 D 4	ND		/! 4	1.0	2.5			NELAC-IV		01/26/2020 07:28	
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications:	CTDOH NI	01/25/2020 19:43 ELAC-NY10854,NEL		LLJ
501.79 (2.11	ND		ua/Ira des	1.0	3.5	1		CIDOII,IVI	01/25/2020 19:43	01/26/2020 07:28	LLJ
591-78-6	2-Hexanone	ND		ug/kg dry	1.8	3.3	1	EPA 8260C Certifications:	CTDOH NI	01/23/2020 19:43 ELAC-NY10854,NEL		LLJ
108-10-1	4 Mathyl 2 pantapana	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	015011,11	01/25/2020 19:43	01/26/2020 07:28	LLJ
106-10-1	4-Methyl-2-pentanone	ND		ug/kg ury	1.0	5.5	1	Certifications:	CTDOH.NI	ELAC-NY10854,NEL		LLJ
67-64-1	Agatana	ND		ug/kg dry	3.5	7.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
07-04-1	Acetone	ND		ug/kg ury	3.3	7.1	1	Certifications:	CTDOH,NI	ELAC-NY10854,NEL		LLJ
107-02-8	Acrolein	ND		ug/kg dry	3.5	7.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
107 02 0	Actolem	ND		ug ng ury	5.0	,	•		CTDOH,NI	ELAC-NY10854,NEL		LLJ
107-13-1	Acrylonitrile	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
		112		-6 5 - 7				Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
71-43-2	Benzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	Delizene .	112						Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
75-15-0	Carbon disulfide	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH.NI	ELAC-NY10854,NEL	AC-NY12058 NJ	



Client Sample ID: B-3 10-12 ft York Sample ID: 20A0844-06

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:00 am01/23/2020

Volatile Organics, 8260 - Comprehensive

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		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	CTROHAU	01/25/2020 19:43	01/26/2020 07:28	LLJ
						2.5		Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications:	CTDOH NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:28	LLJ
10061 01 5	ii 12 Diaklananandan	ND		na/ka dry	1.8	3.5	1	EPA 8260C	CIDOII,N	01/25/2020 19:43	01/26/2020 07:28	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.0	3.3	1	Certifications:	CTDOH.NI	ELAC-NY10854,NEL		LLJ
110-82-7	Cyclohexane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
110 02 7	Cyclonexane	ND		ug kg ury	1.0	5.5	•	Certifications:	NELAC-N	Y10854,NELAC-NY1		LLJ
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
		1,2						Certifications:	NELAC-NY	Y10854,NELAC-NY1		
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1	2058,NJDEP,PAE	
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	NELAC-NY	Y10854,NELAC-NY1	2058,NJDEP,PAE	
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
79-20-9	Methyl acetate	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY1		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications:	CTDOH NI	01/25/2020 19:43	01/26/2020 07:28	LLJ
100.07.2	W 1 1 1 1 1	ND			1.0	2.5	1		C1DOH,NI	ELAC-NY10854,NEL		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY1:	01/26/2020 07:28 2058 NJDEP PAE	LLJ
75-09-2	Methylene chloride	8.6		ug/kg dry	3.5	7.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	Weenlykine emorate	0.0		-6 -6)				Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
	-							Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,PA	
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.5	7.1	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,PA	
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:28	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	

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Page 53 of 102



Log-in Notes:

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

Sample Notes:

Date Received 01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by

y Method: EPA 503	35A								
					Reported to				I
	Parameter	Result	Flog	Unite	LOD/MDL	1.00	Dilution	Reference Method	

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	Date/Time Iethod Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28 AC-NY12058,NJ	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28 AC-NY12058.NJ	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	01/25/2020 19:43 NELAC-NY10854,NELAC-NY1	01/26/2020 07:28	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	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:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28 AC-NY12058,NJ	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	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	01/25/2020 19:43 CTDOH	01/26/2020 07:28	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.5	1	EPA 8260C Certifications:	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.5	1	EPA 8260C	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.3	11	1	EPA 8260C	01/25/2020 19:43 CTDOH,NELAC-NY10854,NEL	01/26/2020 07:28	LLJ
	Surrogate Recoveries	Result		Acce	ptance Ran	ge					
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

Sample Prepared by Method: EPA 3550C

Log-in Notes:	Sample Notes:
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CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	ethod 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: C	01/27/2020 13:47 TDOH,NELAC-NY10854,NJI	01/28/2020 13:14 DEP,PADEP	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: N	01/27/2020 13:47 IELAC-NY10854,PADEP	01/28/2020 13:14	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications: N	01/27/2020 13:47 JELAC-NY10854,PADEP	01/28/2020 13:14	OW

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Page 54 of 102



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 <u>Collection Date/Time</u> January 22, 2020 11:00 am Date Received 01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

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1.0	T_IN	Notes:
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Sample Notes:

CAS No	. Parameter	Result	Flag Units	Reported to LOD/MDL		Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	NELAC-N	Y10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
606-20-2	2,6-Dinitrotoluene	ND	ug/kg	dry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
91-58-7	2-Chloronaphthalene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
91-57-6	2-Methylnaphthalene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
91-94-1	3,3-Dichlorobenzidine	ND	ug/kg	dry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	NELAC-N	Y10854,NJDEP,PADE	P	
99-09-2	3-Nitroaniline	ND	ug/kg	dry 92.0	184	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
101-55-3	4-Bromophenyl phenyl ether	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
106-47-8	4-Chloroaniline	ND	ug/kg	dry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
7005-72-3	4-Chlorophenyl phenyl ether	ND	ug/kg	dry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
100-01-6	4-Nitroaniline	ND	ug/kg	dry 92.0	184	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
83-32-9	Acenaphthene	ND	ug/kg	dry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJD	EP,PADEP	
208-96-8	Acenaphthylene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJD	EP,PADEP	
62-53-3	Aniline	ND	ug/kg	lry 184	368	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	NELAC-N	Y10854,NJDEP,PADE	P	
120-12-7	Anthracene	ND	ug/kg	dry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJD	EP,PADEP	
56-55-3	Benzo(a)anthracene	ND	ug/kg	dry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
50-32-8	Benzo(a)pyrene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
205-99-2	Benzo(b)fluoranthene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
191-24-2	Benzo(g,h,i)perylene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
207-08-9	Benzo(k)fluoranthene	ND	ug/kg	lry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
85-68-7	Benzyl butyl phthalate	ND	ug/kg	dry 46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
	, , ,						Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	



Client Sample ID: B-3 10-12 ft York Sample ID: 20A0844-06

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:00 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:	Sample Notes:
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CAS No	o. 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		01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
86-74-8	Carbazole	ND		ug/kg dry	46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
218-01-9	Chrysene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D	OTTO OLL NIE	01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	C1DOH,NE	ELAC-NY10854,NJDI		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D	OTTO OLL NIE	01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
132-64-9	Dibenzofuran	ND		ug/kg dry	46.1	92.0	2	EPA 8270D	OTDOU NI	01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	C1DOH,NE	ELAC-NY10854,NJDI		
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D	OTTO OLL NIE	01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	C1DOH,NE	ELAC-NY10854,NJDI		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D	OTD OU VI	01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D	CTDOLLNI	01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.1	92.0	2	EPA 8270D	CTPOLLNI	01/27/2020 13:47	01/28/2020 13:14	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
206-44-0	Fluoranthene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications:	CTDOLLNI	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:14	OW
					46.1	02.0			CTDOII,NI			
86-73-7	Fluorene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications:	NEL AC NIX	01/27/2020 13:47 /10854,NJDEP,PADE	01/28/2020 13:14	OW
110.74.1	77 11 1	ND		/!	46.1	92.0	2		NELAC-IVI			OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications:	CTDOH NE	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:14 EPPADEP	OW
87-68-3	TT 11 1 4 E	ND		na/ka den	46.1	92.0	2	EPA 8270D	CTDOII,IVI	01/27/2020 13:47	01/28/2020 13:14	OW
67-06-3	Hexachlorobutadiene	ND		ug/kg dry	40.1	92.0	2	Certifications:	CTDOH NE	01/2//2020 13.4/ ELAC-NY10854,NJDE		OW
77-47-4	II	ND	CCVI	ug/kg dry	46.1	92.0	2	EPA 8270D	012011,	01/27/2020 13:47	01/28/2020 13:14	OW
//-4/-4	Hexachlorocyclopentadiene	ND	CC V-L	ug/kg ury	40.1	92.0	2	Certifications:	CTDOH NE	01/2//2020 13.4/ ELAC-NY10854,NJDE		OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
07-72-1	nexaciiioroemane	ND		ug/kg ury	40.1	92.0	2	Certifications:	CTDOH.NE	ELAC-NY10854,NJDI		OW
193-39-5	Indone(1.2.2 ad)mymana	ND		ug/kg dry	46.1	92.0	2	EPA 8270D	,	01/27/2020 13:47	01/28/2020 13:14	OW
1/3-3/-3	Indeno(1,2,3-cd)pyrene	ип		ag ng ury	70.1	/2.0	2	Certifications:	CTDOH.NF	ELAC-NY10854,NJDI		OW
78-59-1	Isophorone	ND		ug/kg dry	46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
70.07-1	ISOPHOLOHE	ND		ug/ ng ul y	.0.1	72.0	-	Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		011
91-20-3	Naphthalene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:14	OW
)1·20-3	гаришателе	ND		ug/kg uly	70.1	72.0	2	Certifications:	CTDOH,NE	ELAC-NY10854,NJDF		011
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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 <u>Collection Date/Time</u> 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,N	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:14 EP,PADEP	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	46.1	92.0	2	EPA 8270D Certifications:	CTDOH,N	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:14 EP,PADEP	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications:	CTDOH,N	01/27/2020 13:47 ELAC-NY10854,NJDF	01/28/2020 13:14 EP,PADEP	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications:	CTDOH,N	01/27/2020 13:47 ELAC-NY10854,NJDF	01/28/2020 13:14 EP,PADEP	OW
85-01-8	Phenanthrene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications:	CTDOH,N	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:14 EP,PADEP	OW
129-00-0	Pyrene	ND		ug/kg dry	46.1	92.0	2	EPA 8270D Certifications:	CTDOH,N	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:14 EP,PADEP	OW
110-86-1	Pyridine	ND		ug/kg dry	184	368	2	EPA 8270D Certifications:	CTDOH,N	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:14 EP,PADEP	OW
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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:

CAS N	o. Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference M	Date/Time ethod Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: C	01/27/2020 07:41 TDOH,NELAC-NY10854,NJDI	01/28/2020 19:19 EP,PADEP	СМ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: C	01/27/2020 07:41 TDOH,NELAC-NY10854,NJDI	01/28/2020 19:19 EP,PADEP	СМ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: C	01/27/2020 07:41 TDOH,NELAC-NY10854,NJDI	01/28/2020 19:19 EP,PADEP	СМ
309-00-2	Aldrin	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: C	01/27/2020 07:41 TDOH,NELAC-NY10854,NJDI	01/28/2020 19:19 EP,PADEP	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: C	01/27/2020 07:41 TDOH,NELAC-NY10854,NJDI	01/28/2020 19:19 EP,PADEP	СМ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: N	01/27/2020 07:41 IELAC-NY10854,NJDEP	01/28/2020 19:19	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: C	01/27/2020 07:41 TDOH,NELAC-NY10854,NJDI	01/28/2020 19:19 EP,PADEP	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	5	EPA 8081B Certifications: C	01/27/2020 07:41 TDOH,NELAC-NY10854,NJDI	01/28/2020 19:19 EP,PADEP	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.86	5	EPA 8081B Certifications: C	01/27/2020 07:41 TDOH,NELAC-NY10854,NJDI	01/28/2020 19:19 EP,PADEP	CM

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Page 57 of 102



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 <u>Collection Date/Time</u> January 22, 2020 11:00 am Date Received 01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

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	ωσ_in	Notes:	

Sample Notes:

CAS No	o. 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		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
72-20-8	Endrin	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	NELAC-N	Y10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
72-43-5	Methoxychlor	ND		ug/kg dry	9.28	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
8001-35-2	Toxaphene	ND		ug/kg dry	93.9	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:19	CM
							Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
	Surrogate Recoveries	Result		Acceptano	ee Range						
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %		30-	150						
877-09-8	Surrogate: Tetrachloro-m-xylene	60.3 %		30	150						
	•										

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No	0.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference M	Aethod	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016		ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	NELAC-NY	01/27/2020 07:41 10854,CTDOH,NJDE	01/27/2020 19:15 EP,PADEP	SR
11104-28-2	Aroclor 1221		ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	NELAC-NY	01/27/2020 07:41 10854,CTDOH,NJDE	01/27/2020 19:15 EP,PADEP	SR
11141-16-5	Aroclor 1232		ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	NELAC-NY	01/27/2020 07:41 10854,CTDOH,NJDE	01/27/2020 19:15 EP,PADEP	SR
53469-21-9	Aroclor 1242		ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	NELAC-NY	01/27/2020 07:41 10854,CTDOH,NJDE	01/27/2020 19:15 EP,PADEP	SR

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Page 58 of 102



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 <u>Collection Date/Time</u> 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	o. Parameter	Result	Flag Units	Reported to LOQ	Dilution	Reference Met	Date/Time thod Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND	mg/kg d	ny 0.0187	1	EPA 8082A Certifications: NEI	01/27/2020 07:41 LAC-NY10854,CTDOH,NJDE	01/27/2020 19:15 EP,PADEP	SR
11097-69-1	Aroclor 1254	ND	mg/kg d	ry 0.0187	1	EPA 8082A Certifications: NEI	01/27/2020 07:41 LAC-NY10854,CTDOH,NJDE	01/27/2020 19:15 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND	mg/kg d	0.0187	1	EPA 8082A Certifications: NEI	01/27/2020 07:41 LAC-NY10854,CTDOH,NJDE	01/27/2020 19:15 EP,PADEP	SR
1336-36-3	* Total PCBs	ND	mg/kg d	ry 0.0187	1	EPA 8082A Certifications:	01/27/2020 07:41	01/27/2020 19:15	SR
	Surrogate Recoveries	Result	Acc	ceptance Range					
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:

CAS N	lo.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analys
7429-90-5	Aluminum		43300	В	mg/kg dry	5.64	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-36-0	Antimony		ND		mg/kg dry	2.82	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-38-2	Arsenic		4.18		mg/kg dry	1.69	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-39-3	Barium		864		mg/kg dry	2.82	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-41-7	Beryllium		ND		mg/kg dry	0.056	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-43-9	Cadmium		0.480		mg/kg dry	0.338	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-70-2	Calcium		11100		mg/kg dry	5.64	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-47-3	Chromium		184		mg/kg dry	0.564	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-48-4	Cobalt		49.8		mg/kg dry	0.451	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7440-50-8	Copper		44.4		mg/kg dry	2.26	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7439-89-6	Iron		47000		mg/kg dry	28.2	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7439-92-1	Lead		13.5		mg/kg dry	0.564	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7439-95-4	Magnesium		38800		mg/kg dry	5.64	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EP,PADEP	TJM
7439-96-5	Manganese		963		mg/kg dry	0.564	1	EPA 6010D Certifications:	CTDOH,N	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:35 EPPADEP	TJM

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Page 59 of 102



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 <u>Collection Date/Time</u> January 22, 2020 11:00 am Date Received 01/23/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared	by	Method:	EPA 305	0B
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CAS No	D.	Parameter I	Result	Flag	Units	Reported to LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	15	59		mg/kg dry	1.13	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:35 P,PADEP	TJM
7440-09-7	Potassium	48	870		mg/kg dry	5.64	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:35 P,PADEP	TJM
7782-49-2	Selenium	N	ND		mg/kg dry	2.82	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:35 P,PADEP	TJM
7440-22-4	Silver	Ν	ND		mg/kg dry	0.564	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:35 P,PADEP	TJM
7440-23-5	Sodium	1′	77		mg/kg dry	56.4	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:35 P,PADEP	TJM
7440-28-0	Thallium	N	ND		mg/kg dry	2.82	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:35 P,PADEP	TJM
7440-62-2	Vanadium	83	3.7		mg/kg dry	1.13	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:35 P,PADEP	TJM
7440-66-6	Zinc	10	07		mg/kg dry	2.82	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:35 P,PADEP	TJM

Mercury by 7473 <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: EPA 7473 soil

CAS No	0.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference M	1ethod	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury		ND		mg/kg dry	0.0338	1	EPA 7473		01/23/2020 16:33	01/23/2020 21:04	MAO
								Certifications: (CTDOH NJDEP NELAC-NY 10854 PADEP			

<u>Total Solids</u> <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: % Solids Prep

CAS N	lo.	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	01/27/2020 11:14	01/27/2020 16:33	JAG
							Certifications: CTDOH			

Sample Information

Client Sample ID: B-4 0-2 ft			York Sample ID:	20A0844-07
York Project (SDG) No.	Client Project ID	<u>Matrix</u>	Collection Date/Time	Date Received
20A0844	431 Concord	Soil	January 22, 2020 11:30 am	01/23/2020

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Client Sample ID: B-4 0-2 ft York Sample ID: 20A0844-07

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:	Sample Notes:

	Parameter	Result	Flag	Units	LOD/MDL	LOQ	Dilution	Reference	Method	Prepared	Analyzed	Analyst
530-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NE	ELAC-NY10854,NEL		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NV12058 NI	LLJ
76-13-1	1.10 T. 11 1.20 C. 1	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	CTDOII,IVE	01/25/2020 19:43	01/26/2020 07:55	LLJ
	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg ury	2.1	4.3	1	Certifications:	CTDOH,NE	U1/23/2020 19:43 ELAC-NY10854,NEL		LLJ
	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
, , , , , , , , , , , , , , , , , , , ,	1,1,2-Themoroculanc	ND					-	Certifications:	CTDOH,NE	LAC-NY10854,NEL		
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
	,							Certifications:	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
	•							Certifications:	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
37-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	NELAC-NY	10854,NELAC-NY12	2058,NJDEP,PAE	
06-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	NELAC-NY	10854,NELAC-NY12	2058,NJDEP	
20-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	NELAC-NY	10854,NELAC-NY12	2058,NJDEP,PAE	
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
06-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
06-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NE	ELAC-NY10854,NEL	AC-NY12058,NJ	
07-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NE	ELAC-NY10854,NEL		
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	CTDOLLNE	01/25/2020 19:43 LAC-NY10854,NEL	01/26/2020 07:55	LLJ
						4.0		Certifications:	CTDOH,NE			
08-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
.41.72.1	100:11	MD			2.1	4.2			CTDOH,NE			
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 LAC-NY10854,NEL	01/26/2020 07:55 AC-NV12058 NI	LLJ
06 46 7	140:11	ND		na/Ira den	2.1	4.2			CTDOII,IVE		*	111
06-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.1	4.3	1	EPA 8260C Certifications:	CTDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
23-91-1	1,4-Dioxane	ND		ug/kg dry	43	85	1	EPA 8260C	- ,	01/25/2020 19:43	01/26/2020 07:55	LLJ
25)1 1	1,4-Dioxane	ND		ug ng ury	.5	02	•	Certifications:	NELAC-NY	10854,NELAC-NY12		LLJ
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
	- Damilone	1112					•	Certifications:	CTDOH.NE	LAC-NY10854,NEL		



Client Sample ID: B-4 0-2 ft York Sample ID: 20A0844-07

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes: S	ample I	Notes:
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CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	1ethod	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
67-64-1	Acetone	ND		ug/kg dry	4.3	8.5	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
107-02-8	Acrolein	ND		ug/kg dry	4.3	8.5	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
71-43-2	Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
									CTDOH,NI	ELAC-NY10854,NEL		
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
									CTDOH,NI	ELAC-NY10854,NEL		
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	CTDOU N	01/25/2020 19:43	01/26/2020 07:55	LLJ
									CTDOH,NI	ELAC-NY10854,NEL		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	CTDOU NII	01/25/2020 19:43	01/26/2020 07:55	LLJ
56.00.5		VID		/ 4	2.1	4.2	1		CTDOII,N	ELAC-NY10854,NEL		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	СТВОН М	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
108-90-7	Chloraborron	ND		wa/ka des	2.1	4.3	1	EPA 8260C	CIDOII,III	01/25/2020 19:43	01/26/2020 07:55	LLJ
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.3	1		CTDOH.NI	ELAC-NY10854,NEL		LLJ
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C	,	01/25/2020 19:43	01/26/2020 07:55	LLJ
75 00 5	Chloroculane	ND		ug ng ur	2.1		•		CTDOH,NI	ELAC-NY10854,NEL		LLJ
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
		112							CTDOH,NI	ELAC-NY10854,NEL		
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
									NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	



Client Sample ID: B-4 0-2 ft York Sample ID: 20A0844-07

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:30 am01/23/2020

Log-in Notes:

Sample Notes:

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	lethod	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: N	JELAC-NY	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 07:55 2058,NJDEP,PAE	LLJ
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: C	TDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: N	NELAC-NY	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 07:55 2058,NJDEP,PAE	LLJ
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: C	TDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 Y10854,NELAC-NY12	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: C	TDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications: N	NELAC-NY	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 07:55 2058,NJDEP,PAE	LLJ
75-09-2	Methylene chloride	ND		ug/kg dry	4.3	8.5	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.5	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
100-42-5	Styrene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 07:55	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 07:55	LLJ
108-88-3	Toluene	ND		ug/kg dry	2.1	4.3	1	Certifications: C EPA 8260C	. i DUH,NI	01/25/2020 19:43	01/26/2020 07:55	LLJ

ug/kg dry 2.1

ug/kg dry 2.1

4.3

4.3

trans-1,2-Dichloroethylene

trans-1,3-Dichloropropylene

156-60-5

10061-02-6

ND

ND

Certifications:

EPA 8260C

Certifications:

EPA 8260C

Certifications:

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

CTDOH,NELAC-NY10854,NELAC-NY12058,NJ

LLJ

LLJ



Client Sample ID: B-4 0-2 ft York Sample ID: 20A0844-07

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:30 am01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes: Sample Notes:

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:	СТДОН	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,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.3	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.4	13	1	EPA 8260C Certifications:	CTDOH,NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 07:55 AC-NY12058,NJ	LLJ
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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

Sample Prepared by Method: EPA 3550C

Log-in	N	otes:
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Sample Notes:

CAS No	o. 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,N	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 13:45 EP,PADEP	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	NELAC-N	01/27/2020 13:47 Y10854,PADEP	01/28/2020 13:45	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:		01/27/2020 13:47 Y10854,PADEP	01/28/2020 13:45	ow
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:		01/27/2020 13:47 Y10854,PADEP	01/28/2020 13:45	ow
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:		01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 13:45	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	,	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 13:45	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	,	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 13:45	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	,	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 13:45	ow
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	,	01/27/2020 13:47 Y10854,NJDEP,PADEI	01/28/2020 13:45	ow
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.4	189	2	EPA 8270D Certifications:		01/27/2020 13:47 ELAC-NY10854,NJDE	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:	,	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 13:45	OW

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ClientServices

Page 64 of 102



Client Sample ID: B-4 0-2 ft York Sample ID: 20A0844-07

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

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



Client Sample ID: B-4 0-2 ft York Sample ID: 20A0844-07

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:30 am01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:	Sample Notes:

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference 1	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D		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	Certifications: EPA 8270D Certifications:		ELAC-NY10854,NJDF 01/27/2020 13:47 ELAC-NY10854,NJDF	01/28/2020 13:45	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	ow
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
206-44-0	Fluoranthene	125		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	CTDOH,NE	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:45 EP,PADEP	OW
86-73-7	Fluorene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	NELAC-NY	/10854,NJDEP,PADE	P	
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	CTDOH,NE	01/27/2020 13:47 ELAC-NY10854,NJDF	01/28/2020 13:45 EP,PADEP	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D	ŕ	01/27/2020 13:47	01/28/2020 13:45	OW
07 00 3	Tiexaemorooutadiene	ND		ug ug ur j	17.5	,	-	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		0.11
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
67-72-1	Hexachloroethane	ND		ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
193-39-5	Indeno(1,2,3-cd)pyrene	55.8	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	CTDOH,NI	01/27/2020 13:47 ELAC-NY10854,NJDF	01/28/2020 13:45 EP,PADEP	OW
78-59-1	Isophorone	ND		ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
91-20-3	Naphthalene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
98-95-3	Nitrobenzene	ND		ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.3	94.4	2	EPA 8270D	OTTO OVENIE	01/27/2020 13:47	01/28/2020 13:45	OW
05.01.0					47.2	04.4	2	Certifications:	CTDOH,NE	ELAC-NY10854,NJDI		OW
85-01-8	Phenanthrene	62.6	J	ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	CTDOH,NE	01/27/2020 13:47 ELAC-NY10854,NJDI	01/28/2020 13:45 EP,PADEP	OW
129-00-0	Pyrene	106		ug/kg dry	47.3	94.4	2	EPA 8270D Certifications:	CTDOH,NI	01/27/2020 13:47 ELAC-NY10854,NJDF	01/28/2020 13:45 EP,PADEP	OW
110-86-1	Pyridine	ND		ug/kg dry	189	378	2	EPA 8270D		01/27/2020 13:47	01/28/2020 13:45	OW
								Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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							



Client Sample ID: B-4 0-2 ft York Sample ID: 20A0844-07

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:30 am01/23/2020

Pesticides, 8081 target list

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



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 <u>Collection Date/Time</u> 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 M	Aethod	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.5	5	EPA 8081B		01/27/2020 07:41	01/28/2020 19:36	CM
							Certifications:	CTDOH,NE	ELAC-NY10854,NJDI	EP,PADEP	
	Surrogate Recoveries	Result		Acceptan	ce Range						
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 N	o. 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:	NEL AC N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:28	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:		01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:28	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:28 EP,PADEP	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:28 EP,PADEP	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:28 EP,PADEP	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:28 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:28 EP,PADEP	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
	Surrogate Recoveries	Result		Acceptanc	e Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	80.5 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	71.0 %		30-1	40						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No	o. Pa	rameter Result	Flag	Units	Reported to LOQ	Dilution	Reference Me	Date/Time ethod Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	26400	В	mg/kg dry	5.68	1	EPA 6010D Certifications: CT	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:37 EP,PADEP	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications: CT	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:37 EP,PADEP	TJM
7440-38-2	Arsenic	3.84		mg/kg dry	1.70	1	EPA 6010D Certifications: CT	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:37 EP,PADEP	TJM

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Page 68 of 102



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 <u>Collection Date/Time</u> January 22, 2020 11:30 am Date Received 01/23/2020

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS N	o. Parameter	Result	Flag Units	Reported to LOQ	Dilution	Reference Met	Date/Time hod Prepared	Date/Time Analyzed	Analyst
7440-39-3	Barium	227	mg/kg dry	2.84	1	EPA 6010D Certifications: CTE	01/24/2020 10:27 OOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-41-7	Beryllium	ND	mg/kg dry	0.057	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-43-9	Cadmium	0.615	mg/kg dry	0.341	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-70-2	Calcium	5020	mg/kg dry	5.68	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-47-3	Chromium	59.7	mg/kg dry	0.568	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-48-4	Cobalt	24.4	mg/kg dry	0.454	1	EPA 6010D Certifications: CTE	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-50-8	Copper	48.2	mg/kg dry	2.27	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7439-89-6	Iron	39000	mg/kg dry	28.4	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7439-92-1	Lead	37.9	mg/kg dry	0.568	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 OOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7439-95-4	Magnesium	9850	mg/kg dry	5.68	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7439-96-5	Manganese	552	mg/kg dry	0.568	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 OOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-02-0	Nickel	50.8	mg/kg dry	1.14	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 OOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-09-7	Potassium	4720	mg/kg dry	5.68	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 OOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7782-49-2	Selenium	ND	mg/kg dry	2.84	1	EPA 6010D Certifications: CTI	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37 P,PADEP	TJM
7440-22-4	Silver	ND	mg/kg dry	0.568	1	EPA 6010D Certifications: CTE	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37	TJM
7440-23-5	Sodium	112	mg/kg dry	56.8	1	EPA 6010D	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37	TJM
7440-28-0	Thallium	ND	mg/kg dry	2.84	1	EPA 6010D	01/24/2020 10:27 DOH,NELAC-NY10854,NJDE	01/27/2020 11:37	TJM
7440-62-2	Vanadium	67.2	mg/kg dry	1.14	1	EPA 6010D	01/24/2020 10:27 OOH,NELAC-NY10854,NJDE	01/27/2020 11:37	TJM
7440-66-6	Zinc	127	mg/kg dry	2.84	1	EPA 6010D	01/24/2020 10:27 OH,NELAC-NY10854,NJDE	01/27/2020 11:37	TJM

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

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		01/23/2020 16:33	01/23/2020 21:13	MAO
								Certifications:	CTDOH,NJ	DEP,NELAC-NY1085	4,PADEP	

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Page 69 of 102



Client Sample ID: B-4 0-2 ft York Sample ID: 20A0844-07

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 11:30 am01/23/2020

Total Solids <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: % Solids Prep

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

Sample Information

<u>Client Sample ID:</u> B-4 10-12 ft <u>York Sample ID:</u> 20A0844-08

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:00 pm01/23/2020

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
30-20-6	1,1,1,2-Tetrachloroethane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
1-55-6	1,1,1-Trichloroethane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
9-34-5	1,1,2,2-Tetrachloroethane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
6-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
	(Freon 113)						Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
9-00-5	1,1,2-Trichloroethane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
5-34-3	1,1-Dichloroethane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
5-35-4	1,1-Dichloroethylene	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
7-61-6	1,2,3-Trichlorobenzene	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
6-18-4	1,2,3-Trichloropropane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP	
20-82-1	1,2,4-Trichlorobenzene	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	NELAC-N	Y10854,NELAC-NY12	2058,NJDEP,PAE	
5-63-6	1,2,4-Trimethylbenzene	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
6-12-8	1,2-Dibromo-3-chloropropane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
06-93-4	1,2-Dibromoethane	ND	ug/kg dr	y 1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
	,						Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	

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Page 70 of 102



<u>Client Sample ID:</u> B-4 10-12 ft <u>York Sample ID:</u> 20A0844-08

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:00 pm01/23/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:	Sample Notes:

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		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications:	CTDOLLNI	01/25/2020 19:43	01/26/2020 08:21	LLJ
541.72.1	100:11	ND		// 4	1.7	2.2			CIDOH,NI	ELAC-NY10854,NEL		
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1./	3.3	1	EPA 8260C Certifications:	CTDOH NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:21 AC-NV12058 NI	LLJ
106-46-7	1.4 Diablambanana	ND		na/ka dm	1.7	3.3	1	EPA 8260C	CIDOII,IVI	01/25/2020 19:43	01/26/2020 08:21	LLJ
100-40-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.7	3.3	1	Certifications:	CTDOH.NI	ELAC-NY10854,NEL		LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	33	67	1	EPA 8260C	,	01/25/2020 19:43	01/26/2020 08:21	LLJ
125 71 1	1,4-Dioxanc	ND		ug ng ur)	55	0,	•	Certifications:	NELAC-N	Y10854,NELAC-NY12		LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
	2 Butting it	11.5						Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
591-78-6	2-Hexanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
67-64-1	Acetone	ND		ug/kg dry	3.3	6.7	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-02-8	Acrolein	ND		ug/kg dry	3.3	6.7	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
107-13-1	Acrylonitrile	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
71-43-2	Benzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
74-97-5	Bromochloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	NELAC-N	Y10854,NELAC-NY12		
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications:	CTDOH NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:21	LLJ
75.25.2	D 0	ND		// 4	1.7	2.2			CIDOII,N			
75-25-2	Bromoform	ND		ug/kg dry	1./	3.3	1	EPA 8260C Certifications:	CTDOH NI	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:21 AC-NV12058 NI	LLJ
74-83-9	Bromomethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C	CIDOII,IVI	01/25/2020 19:43	01/26/2020 08:21	LLJ
74-03-9	Diomomeniane	ND		ug/kg ury	1.7	3.3	1	Certifications:	CTDOH,NI	ELAC-NY10854,NEL		LLJ
75-15-0	Carbon disulfide	ND		ug/kg dry	1.7	3.3	1	EPA 8260C	Í	01/25/2020 19:43	01/26/2020 08:21	LLJ
75 15 0	Carbon disumde	ND		ug ng ur)	1.,	3.3	•	Certifications:	CTDOH,NI	ELAC-NY10854,NEL		LLJ
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.7	3.3	1	EPA 8260C	,	01/25/2020 19:43	01/26/2020 08:21	LLJ
	on reasonnerius			2 2 - 3				Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
108-90-7	Chlorobenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
		. 12						Certifications:	CTDOH,NI			



<u>Client Sample ID:</u> B-4 10-12 ft <u>York Sample ID:</u> 20A0844-08

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:00 pm01/23/2020

Volatile Organics, 8260 - Comprehensive

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		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
67-66-3	Chloroform	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NE	ELAC-NY10854,NEL	AC-NY12058,NJ	
74-87-3	Chloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NE	ELAC-NY10854,NEL		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C	CTDOUNI	01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	C1DOH,NE	ELAC-NY10854,NEL		
110-82-7	Cyclohexane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C	NEL AC NI	01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	NELAC-N1	Y10854,NELAC-NY1		
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications:	NEL AC NIX	01/25/2020 19:43 Y10854,NELAC-NY1	01/26/2020 08:21	LLJ
T. 05.0		110				2.2			NELAC-N			
74-95-3	Dibromomethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications:	NEL AC NI	01/25/2020 19:43 Y10854,NELAC-NY1:	01/26/2020 08:21	LLJ
75.71.0	D: 11 1:0	ND.		/! 4	1.7	2.2			NELAC-IV			
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications:	NEL AC NI	01/25/2020 19:43 Y10854,NELAC-NY1:	01/26/2020 08:21	LLJ
100 41 4	Ed. ID	ND		na/Ira den	1.7	3.3	1		NELAC-IV		01/26/2020 08:21	
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL		LLJ
87-68-3	H 11 1 4 F	ND		na/Ira den	1.7	3.3	1	EPA 8260C	CTDOII,IVI	01/25/2020 19:43	01/26/2020 08:21	LLJ
07-00-3	Hexachlorobutadiene	ND		ug/kg dry	1.7	3.3	1	Certifications:	NELAC-NY	V10854,NELAC-NY1		LLJ
98-82-8	Isanganyihangana	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
90-02-0	Isopropylbenzene	ND		ug/kg ury	1.7	3.3	1	Certifications:	CTDOH NE	ELAC-NY10854,NEL		LLJ
79-20-9	Methyl acetate	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
17-20-7	Wetnyl acetate	ND		ug/kg ury	1.7	5.5	1	Certifications:	NELAC-NY	Y10854,NELAC-NY1		LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
1054 04 4	Methyl tert-butyl ether (MTBE)	ND		ug ng ur y	1.,	3.3	•	Certifications:	CTDOH,NE	ELAC-NY10854,NEL		LLJ
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
	Wellyteyelollexule	NB						Certifications:	NELAC-NY	Y10854,NELAC-NY1		
75-09-2	Methylene chloride	ND		ug/kg dry	3.3	6.7	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
	meni, tene emeride	1,2						Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
	••							Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
95-47-6	o-Xylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
	•							Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,PA	
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.3	6.7	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,PA	
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:21	LLJ
								Certifications:	CTDOH NI	ELAC-NY10854,NEL	A C NIVI 2050 NII	



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 <u>Collection Date/Time</u> 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 Mo	Date/Time ethod Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058 NJ	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	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: N	01/25/2020 19:43 ELAC-NY10854,NELAC-NY1:	01/26/2020 08:21 2058,NJDEP,PAE	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH	01/26/2020 08:21	LLJ
79-01-6	Trichloroethylene	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.7	3.3	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.0	10	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 08:21 AC-NY12058,NJ	LLJ
	Surrogate Recoveries	Result		Acceptance Range							
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

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No). Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	Iethod	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,NE	01/27/2020 13:47 LAC-NY10854,NJDE	01/28/2020 14:17 EP,PADEP	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	NELAC-NY	01/27/2020 13:47 10854,PADEP	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-NY	01/27/2020 13:47 10854,PADEP	01/28/2020 14:17	ow

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ClientServices

Page 73 of 102



<u>Client Sample ID:</u> B-4 10-12 ft <u>York Sample ID:</u> 20A0844-08

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:00 pm01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

<u>Log-in Notes:</u>	Sample Notes:
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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		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	NELAC-NY	710854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE	EP,PADEP	
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE		
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	NEW 4 C NE	01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	NELAC-N	/10854,NJDEP,PADEI		
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D	OTTO OVENIE	01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDE		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	CTDOUNI	01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CIDOH,NI	ELAC-NY10854,NJDE		
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	CTDOUNI	01/27/2020 13:47	01/28/2020 14:17	OW
					45.3	04.5	•	Certifications:	CIDOH,NI	ELAC-NY10854,NJDE		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	CTDOUNI	01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CIDOH,NI	ELAC-NY10854,NJDE		
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.5	189	2	EPA 8270D Certifications:	CTDOLLNI	01/27/2020 13:47	01/28/2020 14:17	OW
02.22.0					47.2	04.5	2		C1DOII,NI	ELAC-NY10854,NJDE		0.111
83-32-9	Acenaphthene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	CTDOH NI	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 14:17	OW
200.06.0		ND			47.2	04.5	2		C1DOII,NI			OW
208-96-8	Acenaphthylene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	CTDOH NI	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 14:17	OW
(2.52.2		ND		/! 4	100	270	2		CIDOII,N	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:	NEL AC-NY	01/2//2020 13.4/ /10854,NJDEP,PADEI		OW
120-12-7	A	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	TELLIO IT	01/27/2020 13:47	01/28/2020 14:17	OW
120-12-7	Anthracene	ND		ug/kg ury	47.5	34.3	2	Certifications:	CTDOH NI	ELAC-NY10854,NJDE		Ow
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	ow
30 33 3	Benzo(a)anun acene	ND		ug/kg ury	47.5	74.5	-	Certifications:	CTDOH,NI	ELAC-NY10854,NJDE		0 11
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	ow
30 32 0	Benzo(a)pyrene	ND		ug ng ur	. 7.5	,	-	Certifications:	CTDOH,NI	ELAC-NY10854,NJDE		0 11
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
	Denzo(o)naoranaiene	TVD					_	Certifications:	CTDOH,NI	ELAC-NY10854,NJDE		
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	ow
	Benzo(g,n,r)peryrene	TVD						Certifications:	CTDOH,NI	ELAC-NY10854,NJDE		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	ow
	()	- 1.2		2 0 7				Certifications:	CTDOH,NI	ELAC-NY10854,NJDE		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
		- 12		2 2 3				Certifications:	CTDOH,NI			



<u>Client Sample ID:</u> B-4 10-12 ft <u>York Sample ID:</u> 20A0844-08

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:00 pm01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes: San

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	Aethod	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		01/27/2020 13:47	01/28/2020 14:17	OW
									CTDOH,NE	LAC-NY10854,NJDI		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	CTDOU NE	01/27/2020 13:47	01/28/2020 14:17	OW
108-60-1	D: (2.11 : 1) 4	MD		/! 4	47.3	94.5	2	Certifications: 0 EPA 8270D	C1DOH,NE	LAC-NY10854,NJDF 01/27/2020 13:47	01/28/2020 14:17	OW
108-00-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.3	94.3	2		CTDOH,NE	LAC-NY10854,NJDI		OW
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
86-74-8	Carbazole	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
218-01-9	Chrysene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
									CTDOH,NE	LAC-NY10854,NJDI		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	CTDOH NE	01/27/2020 13:47 LAC-NY10854,NJDI	01/28/2020 14:17	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	C I DOII,IVE	01/27/2020 13:47	01/28/2020 14:17	OW
132-04-9	Dibenzoluran	ND		ug/kg diy	47.3	94.3	2		CTDOH,NE	U1/2//2020 13.4/ LAC-NY10854,NJDF		OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
	Dietily philitalate	ND							CTDOH,NE	LAC-NY10854,NJDI		
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NE	LAC-NY10854,NJDF	EP,PADEP	
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
									CTDOH,NE	LAC-NY10854,NJDI		
206-44-0	Fluoranthene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	OTTO OVENIE	01/27/2020 13:47	01/28/2020 14:17	OW
					45.0	0.4.5			CIDOH,NE	LAC-NY10854,NJDI		
86-73-7	Fluorene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	NEL AC-NV	01/27/2020 13:47 10854,NJDEP,PADE	01/28/2020 14:17	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	IVEE/IC-IVI	01/27/2020 13:47	01/28/2020 14:17	OW
110 /4 1	Ticxaciiiofoociizciic	ND		ug ng ur	.,.5	,	-		CTDOH,NE	LAC-NY10854,NJDI		011
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NE	LAC-NY10854,NJDI	EP,PADEP	
67-72-1	Hexachloroethane	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
								Certifications:	CTDOH,NE	LAC-NY10854,NJDI		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D		01/27/2020 13:47	01/28/2020 14:17	OW
50.50.		115			47.2	04.5	2		CIDOH,NE	LAC-NY10854,NJDI		
78-59-1	Isophorone	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	CTDOH NE	01/27/2020 13:47 LAC-NY10854,NJDI	01/28/2020 14:17 EPPADEP	OW
91-20-3	Nanhthalana	ND		ug/kg dry	47.3	94.5	2	EPA 8270D	CIDOII,IND	01/27/2020 13:47	01/28/2020 14:17	OW
/1-4U-3	Naphthalene	ND		ak vk ai h	41.3	74.3	2		CTDOH,NE	01/2//2020 13.4/ LAC-NY10854,NJDF		OW
									- ,	, , , , , , , , , , , , , , , , , , , ,	,	



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 <u>Collection Date/Time</u> 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,NI	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 14:17 EPPADEP	OW
62-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	ŕ	01/27/2020 13:47 ELAC-NY10854,NJDE	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,NI	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 14:17 EP,PADEP	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	CTDOH,NI	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 14:17 EP,PADEP	OW
85-01-8	Phenanthrene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	CTDOH,NI	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 14:17 EP,PADEP	OW
129-00-0	Pyrene	ND		ug/kg dry	47.3	94.5	2	EPA 8270D Certifications:	CTDOH,NI	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 14:17 EP,PADEP	OW
110-86-1	Pyridine	ND		ug/kg dry	189	378	2	EPA 8270D Certifications:	CTDOH,NI	01/27/2020 13:47 ELAC-NY10854,NJDE	01/28/2020 14:17 EP,PADEP	OW
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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

ample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS N	Vo. 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,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 19:53 EP,PADEP	СМ
72-55-9	4,4'-DDE	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 19:53 EP,PADEP	СМ
50-29-3	4,4'-DDT	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 19:53 EP,PADEP	СМ
309-00-2	Aldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 19:53 EP,PADEP	СМ
319-84-6	alpha-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 19:53 EP,PADEP	СМ
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	NELAC-N	01/27/2020 07:41 Y10854,NJDEP	01/28/2020 19:53	СМ
319-85-7	beta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 19:53 EP,PADEP	СМ
57-74-9	Chlordane, total	ND		ug/kg dry	37.4	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 19:53 EP,PADEP	СМ
319-86-8	delta-BHC	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 19:53 EP,PADEP	CM

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Page 76 of 102



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 <u>Collection Date/Time</u> January 22, 2020 12:00 pm Date Received 01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-57-1	Dieldrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	СМ
959-98-8	Endosulfan I	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854	01/28/2020 19:53	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
72-20-8	Endrin	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	NELAC-N	01/27/2020 07:41 Y10854,NJDEP	01/28/2020 19:53	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.87	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.34	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
8001-35-2	Toxaphene	ND		ug/kg dry	94.6	5	EPA 8081B Certifications:	CTDOH,N	01/27/2020 07:41 ELAC-NY10854,NJDE	01/28/2020 19:53 EP,PADEP	CM
	Surrogate Recoveries	Result		Acceptanc	e Range						
2051-24-3	Surrogate: Decachlorobiphenyl	74.2 %		30-1							
877-09-8	Surrogate: Tetrachloro-m-xylene	76.2 %		30-1	50						

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No	0.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference M	1ethod	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016		ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:		01/27/2020 07:41 0854,CTDOH,NJDE	01/27/2020 19:42 EP,PADEP	SR
11104-28-2	Aroclor 1221		ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:		01/27/2020 07:41 0854,CTDOH,NJDE	01/27/2020 19:42 EP,PADEP	SR
11141-16-5	Aroclor 1232		ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:		01/27/2020 07:41 0854,CTDOH,NJDE	01/27/2020 19:42 EP,PADEP	SR
53469-21-9	Aroclor 1242		ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:		01/27/2020 07:41 0854,CTDOH,NJDE	01/27/2020 19:42 EP,PADEP	SR

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Page 77 of 102



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 <u>Collection Date/Time</u> 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	o. 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-NY	01/27/2020 07:41 /10854,CTDOH,NJDF	01/27/2020 19:42 EP,PADEP	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-NY	01/27/2020 07:41 /10854,CTDOH,NJDH	01/27/2020 19:42 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-NY	01/27/2020 07:41 /10854,CTDOH,NJDH	01/27/2020 19:42 EP,PADEP	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
	Surrogate Recoveries	Result		Acceptance R	ange						
877-09-8	Surrogate: Tetrachloro-m-xylene	84.0 %		30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	80.0 %		30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepa	ared by Method: EPA 3050B										
CAS N	No. Par	rameter Result	Flag	Units	Reported to LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	53800	В	mg/kg dry	5.68	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-38-2	Arsenic	4.20		mg/kg dry	1.70	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-39-3	Barium	4620		mg/kg dry	2.84	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-70-2	Calcium	6050		mg/kg dry	5.68	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-47-3	Chromium	146		mg/kg dry	0.568	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-48-4	Cobalt	38.5		mg/kg dry	0.455	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7440-50-8	Copper	60.7		mg/kg dry	2.27	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7439-89-6	Iron	41100		mg/kg dry	28.4	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM
7439-92-1	Lead	14.5		mg/kg dry	0.568	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:39 EP,PADEP	TJM

mg/kg dry

mg/kg dry

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Magnesium

Manganese

7439-95-4

7439-96-5

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23300

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5.68

0.568

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CTDOH,NELAC-NY10854,NJDEP,PADEP

CTDOH,NELAC-NY10854,NJDEP,PADEP

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EPA 6010D

Certifications:

EPA 6010D

Certifications:

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Page 78 of 102

TJM

TJM



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 <u>Collection Date/Time</u> 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	0.	Parameter	Result	Flag Units	Reported to LOQ	Dilution	Reference Me	Date/Time ethod Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel		286	mg/kg dry	1.14	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:39 EP,PADEP	TJM
7440-09-7	Potassium		14000	mg/kg dry	5.68	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:39 EP,PADEP	TJM
7782-49-2	Selenium		ND	mg/kg dry	2.84	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:39 EP,PADEP	TJM
7440-22-4	Silver		ND	mg/kg dry	0.568	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:39 EP,PADEP	TJM
7440-23-5	Sodium		484	mg/kg dry	56.8	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:39 EP,PADEP	TJM
7440-28-0	Thallium		ND	mg/kg dry	2.84	1	EPA 6010D Certifications: C	01/24/2020 10:27 FDOH,NELAC-NY10854,NJDI	01/27/2020 11:39 EP,PADEP	TJM
7440-62-2	Vanadium		86.5	mg/kg dry	1.14	1	EPA 6010D Certifications: C	01/24/2020 10:27 FDOH,NELAC-NY10854,NJDI	01/27/2020 11:39 EP,PADEP	TJM
7440-66-6	Zinc		87.0	mg/kg dry	2.84	1	EPA 6010D Certifications: C	01/24/2020 10:27 TDOH,NELAC-NY10854,NJDI	01/27/2020 11:39 EP,PADEP	TJM

Mercury by 7473 <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: EPA 7473 soil

CAS No	0.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference M	1ethod	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury		ND		mg/kg dry	0.0341	1	EPA 7473		01/23/2020 16:33	01/23/2020 21:22	MAO
								Certifications:	CTDOH N	IDEP NELAC-NY 1085	54 PADEP	

Total Solids <u>Log-in Notes:</u> <u>Sample Notes:</u>

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: B-5 0-2 ft York Sample ID: 20A0844-09

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:30 pm01/23/2020

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

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:30 pm01/23/2020

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 N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058 NI	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	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:		01/25/2020 19:43 ELAC-NY10854,NEL	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,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 08:48 2058,NJDEP,PAE	LLJ
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 08:48 2058,NJDEP	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 08:48 2058,NJDEP,PAE	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48	LLJ
123-91-1	1,4-Dioxane	ND		ug/kg dry	39	78	1	EPA 8260C Certifications:		01/25/2020 19:43 Y10854,NELAC-NY12	01/26/2020 08:48	LLJ
78-93-3	2-Butanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:		01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48	LLJ



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

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:30 pm01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

<u>Log-in Notes:</u> Sample Notes

. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference N	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2-Hexanone	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTDOLLNI	01/25/2020 19:43	01/26/2020 08:48	LLJ
4-Methyl-2-pentanone	ND		ug/kg dry	1 9	3 9	1		CTDOH,N			LLJ
4-wethyr-2-pentanone	ND		-887					CTDOH,N			220
Acetone	10	CCV-E	ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
Acrolein	ND		ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	CTDOH.N	01/25/2020 19:43 ELAC-NY10854.NEL	01/26/2020 08:48 AC-NY12058.NJ	LLJ
Acrylonitrile	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
Bromochloromethane	ND		ug/kg dry	1.9	3.9	1	Certifications: EPA 8260C	CTDOH,N	01/25/2020 19:43	AC-NY12058,NJ 01/26/2020 08:48	LLJ
								NELAC-N	*		
Bromodichloromethane	ND		ug/kg dry	1.9	3.9	1		CTDOH,N			LLJ
Bromoform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
Bromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTDOH N	01/25/2020 19:43 ELAC-NY10854 NEL	01/26/2020 08:48 AC-NY12058 NJ	LLJ
Carbon disulfide	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
Carbon tetrachloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
Chlorobenzene	ND		ug/kg dry	1.9	3.9	1	Certifications: EPA 8260C	CTDOH,N	ELAC-NY10854,NEL 01/25/2020 19:43	AC-NY12058,NJ 01/26/2020 08:48	LLJ
							Certifications:	CTDOH,N	ELAC-NY10854,NEL	AC-NY12058,NJ	
Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTDOH N	01/25/2020 19:43	01/26/2020 08:48	LLJ
Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	Certifications: EPA 8260C	CTDOH,N	01/25/2020 19:43	AC-NY12058,NJ 01/26/2020 08:48	LLJ
cis 1.3 Dichloropropylana	ND		uo/ko dry	1 9	3.9	1		CTDOH,N			LLJ
cis-1,3-Dicinoropropylene	ND		ug ng ur		3.9	•		CTDOH,N			220
Cyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY1	01/26/2020 08:48 2058,NJDEP,PAE	LLJ
Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	NELAC-N	01/25/2020 19:43 Y10854,NELAC-NY1	01/26/2020 08:48 2058,NJDEP,PAE	LLJ
Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43 Y10854,NELAC-NY1	01/26/2020 08:48	LLJ
	2-Hexanone 4-Methyl-2-pentanone Acetone Acrolein Acrylonitrile Benzene Bromochloromethane Bromodichloromethane Bromoform Bromomethane Carbon disulfide Carbon tetrachloride Chlorobenzene Chloroethane Chloroform Chloromethane cis-1,2-Dichloroethylene cis-1,3-Dichloropropylene Cyclohexane Dibromochloromethane	2-Hexanone ND 4-Methyl-2-pentanone ND Acetone 10 Acrolein ND Acrylonitrile ND Benzene ND Bromochloromethane ND Bromodichloromethane ND Bromodichloromethane ND Carbon disulfide ND Carbon tetrachloride ND Chlorobenzene ND Chlorothane ND Chloromethane ND Chloromethane ND Chloromethane ND Chloromethane ND Cis-1,2-Dichloropropylene ND Cyclohexane ND	2-Hexanone ND 4-Methyl-2-pentanone ND Acetone 10 CCV-E Acrolein ND Acrylonitrile ND Benzene ND Bromochloromethane ND Bromoform ND Bromoform ND Carbon disulfide ND Carbon tetrachloride ND Chlorobenzene ND Chloroform ND Chloroform ND Chloroform ND Chloroform ND Chloroform ND Chloromethane ND Cis-1,2-Dichloropropylene ND Cyclohexane ND Dibromochloromethane ND	2-Hexanone ND ug/kg dry 4-Methyl-2-pentanone ND ug/kg dry Acetone 10 CCV-E ug/kg dry Acrolein ND ug/kg dry Acrylonitrile ND ug/kg dry Benzene ND ug/kg dry Bromochloromethane ND ug/kg dry Bromodichloromethane ND ug/kg dry Bromoform ND ug/kg dry Carbon disulfide ND ug/kg dry Carbon tetrachloride ND ug/kg dry Chlorobenzene ND ug/kg dry Chlorothane ND ug/kg dry Cis-1,2-Dichlorothylene ND ug/kg dry Cyclohexane ND ug/kg dry Dibromochloromethane ND ug/kg dry	2-Hexanone ND ug/kg dry 1.9 4-Methyl-2-pentanone ND ug/kg dry 1.9 Acetone 10 CCV-E ug/kg dry 3.9 Acrolein ND ug/kg dry 3.9 Acrolein ND ug/kg dry 1.9 Benzene ND ug/kg dry 1.9 Bromochloromethane ND ug/kg dry 1.9 Bromoform ND ug/kg dry 1.9 Bromoform ND ug/kg dry 1.9 Carbon disulfide ND ug/kg dry 1.9 Carbon tetrachloride ND ug/kg dry 1.9 Chlorobenzene ND ug/kg dry 1.9 Chloroothane ND ug/kg dry 1.9 Chloroothane ND ug/kg dry 1.9 Chloromethane ND ug/kg dry 1.9 Chloroothylene ND ug/kg dry 1.9 cis-1,2-Dichloropropylene ND ug/kg dry 1.9	2-Hexanone ND ug/kg dry 1.9 3.9 4-Methyl-2-pentanone ND ug/kg dry 1.9 3.9 Acetone 10 CCV-E ug/kg dry 3.9 7.8 Acrolein ND ug/kg dry 3.9 7.8 Acrolein ND ug/kg dry 1.9 3.9 Benzene ND ug/kg dry 1.9 3.9 Bromochloromethane ND ug/kg dry 1.9 3.9 Bromochloromethane ND ug/kg dry 1.9 3.9 Bromodichloromethane ND ug/kg dry 1.9 3.9 Bromodichloromethane ND ug/kg dry 1.9 3.9 Carbon disulfide ND ug/kg dry 1.9 3.9 Carbon tetrachloride ND ug/kg dry 1.9 3.9 Chlorobenzene ND ug/kg dry 1.9 3.9 Chlorothane ND ug/kg dry 1.9 3.9 Chlorothorothylene ND ug/kg dry 1.9 3.9 Cyclohexane ND ug/kg dry 1.9 3.9	2-Hexanone ND ug/kg dry 1.9 3.9 1 4-Methyl-2-pentanone ND ug/kg dry 1.9 3.9 1 Acetone 10 CCV-E ug/kg dry 3.9 7.8 1 Acrolein ND ug/kg dry 3.9 7.8 1 Acrolein ND ug/kg dry 1.9 3.9 7.8 1 Benzene ND ug/kg dry 1.9 3.9 1 Bromochloromethane ND ug/kg dry 1.9 3.9 1 Bromochloromethane ND ug/kg dry 1.9 3.9 1 Bromodichloromethane ND ug/kg dry 1.9 3.9 1 Bromodichloromethane ND ug/kg dry 1.9 3.9 1 Bromodichloromethane ND ug/kg dry 1.9 3.9 1 Carbon disulfide ND ug/kg dry 1.9 3.9 1 Carbon tetrachloride ND ug/kg dry 1.9 3.9 1 Chlorobenzene ND ug/kg dry 1.9 3.9 1 Chlorobenzene ND ug/kg dry 1.9 3.9 1 Chlorotethane ND ug/kg dry 1.9 3.9 1	2-Hexanone ND ug/kg dry 1.9 3.9 1 EPA \$260C Certifications: Certifications: Certifications: Acknowledged of the control of the certifications: Acknowledged o	2-Hexanone	2-Hexanone	2-Hexanone



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

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:30 pm01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

<u>Log-in Notes:</u> Sample Notes

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		01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	NELAC-NY	710854,NELAC-NY1	2058,NJDEP,PAE	
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL	AC-NY12058,NJ	
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	NELAC-NY	710854,NELAC-NY1		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CTDOH,NI	ELAC-NY10854,NEL		
79-20-9	Methyl acetate	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	NELAC-NY	/10854,NELAC-NY1		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTP ON N	01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	VIII 1 C VII	01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	NELAC-NY	/10854,NELAC-NY1		
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	CTP OH N	01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTP ON N	01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTP OH N	01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTDOUNI	01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	CTDOUNI	01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTDOU NI	01/25/2020 19:43	01/26/2020 08:48	LLJ
								Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	CTDOU NI	01/25/2020 19:43	01/26/2020 08:48	LLJ
100 10 5					1.0	2.0	,	Certifications:	CIDOH,NI	ELAC-NY10854,NEL		
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48	LLJ
75.65.0					1.0	2.0	,		CIDOII,NI			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	NEL AC-NY	01/25/2020 19:43 /10854,NELAC-NY1	01/26/2020 08:48	LLJ
00.066	D II) ID		/! 4	1.0	2.0	1		NELAC-IVI	01/25/2020 19:43	01/26/2020 08:48	
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL		LLJ
127 10 4	T (11 d 1	ND		/! 4	1.0	2.0	1		CIDOII,NI			
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NV12058 NI	LLJ
100.00.2	T. I.	ND		va/Ira der	1.0	2.0	1		CIDOII,IVI			
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058 NI	LLJ
156 60 5	trong 1.2 Dishlara -thl	ND		ng/ka des	1.0	3.9	1		CIDOII,NI	01/25/2020 19:43	01/26/2020 08:48	111
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	5.9	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL		LLJ
10061-02-6	torus 1.2 Disklam	ND		ng/ka de:	1.0	2.0	1		CIDOII,NI	01/25/2020 19:43	01/26/2020 08:48	LLJ
10001-02-0	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH NE	01/25/2020 19:43 ELAC-NY10854,NEL		LLJ
								commentons.	5120H,M		12000,110	

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Page 82 of 102



<u>Client Sample ID:</u> B-5 0-2 ft <u>York Sample ID:</u> 20A0844-09

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:30 pm01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	e 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:	СТДОН	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,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications:	CTDOH,N	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 08:48 AC-NY12058,NJ	LLJ
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analys
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 17:22 EP,PADEP	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	NELAC-N	01/28/2020 07:42 Y10854,PADEP	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-N	01/28/2020 07:42 Y10854,PADEP	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-N	01/28/2020 07:42 Y10854,PADEP	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,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 17:22 EP,PADEP	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 17:22 EP,PADEP	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 17:22 EP,PADEP	OW
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 17:22 EP,PADEP	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	NELAC-N	01/28/2020 07:42 Y10854,NJDEP,PADEI	01/28/2020 17:22	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 17:22 EP,PADEP	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDE	01/28/2020 17:22	OW

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Page 83 of 102



Client Sample ID: B-5 0-2 ft York Sample ID: 20A0844-09

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:30 pm01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

<u>Log-in Notes:</u> <u>Sample Notes:</u>

CAS No	o. 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		01/28/2020 07:42	01/28/2020 17:22	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.2	190	2	EPA 8270D	C1DOII,NI	01/28/2020 07:42	01/28/2020 17:22	OW
100 01 0	4-Muoammic	ND		ug kg ury	75.2	170	-	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		0.11
83-32-9	Acenaphthene	97.4		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:22	ow
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
208-96-8	Acenaphthylene	158		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
62-53-3	Aniline	ND		ug/kg dry	191	381	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:22	OW
								Certifications:	NELAC-N	Y 10854,NJDEP,PADE	P	
120-12-7	Anthracene	345		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:22	OW
56.55.3	D () d	1200		0 1	47.7	05.2	2	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI 01/28/2020 07:42	EP,PADEP 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,NI	01/28/2020 07:42 ELAC-NY10854,NJDI		OW
50-32-8	Benzo(a)pyrene	1160		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:22	ow
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
205-99-2	Benzo(b)fluoranthene	1030		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP PADEP	OW
191-24-2	Benzo(g,h,i)perylene	762		ug/kg dry	47.7	95.2	2	EPA 8270D	01001,11	01/28/2020 07:42	01/28/2020 17:22	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
207-08-9	Benzo(k)fluoranthene	892		ug/kg dry	47.7	95.2	2	EPA 8270D	CTDOUN	01/28/2020 07:42	01/28/2020 17:22	OW
85-68-7	Danced buted whithelete	295		ug/kg dry	47.7	95.2	2	Certifications: EPA 8270D	CIDOH,NI	ELAC-NY10854,NJDI 01/28/2020 07:42	01/28/2020 17:22	OW
83-08-7	Benzyl butyl phthalate	295		ug/kg ury	47.7	93.2	2	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:22	ow
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.7	95.2	2	EPA 8270D	OTTO OVENIE	01/28/2020 07:42	01/28/2020 17:22	OW
108-60-1	D: (2.11 : 1) (1	ND			47.7	95.2	2	Certifications: EPA 8270D	CIDOH,NI	ELAC-NY10854,NJDI 01/28/2020 07:42	01/28/2020 17:22	OW
108-00-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.7	93.2	2	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		OW
117-81-7	Bis(2-ethylhexyl)phthalate	2630		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:22	ow
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
86-74-8	Carbazole	137		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EPPADEP	OW
218-01-9	Chrysene	1290		ug/kg dry	47.7	95.2	2	EPA 8270D	CIDOII,III	01/28/2020 07:42	01/28/2020 17:22	OW
	Chrysene	1270						Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
53-70-3	Dibenzo(a,h)anthracene	281		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:22	OW
122 (4.0	Dil C	ND		/! 3	47.7	05.2	2	Certifications:	CTDOH,NI	ELAC-NY10854,NJD1		OW
132-64-9	Dibenzofuran	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH.NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:22	OW
				2 2 - 7				Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		



Client Sample ID: B-5 0-2 ft York Sample ID: 20A0844-09

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:30 pm01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes:	Sample Notes:

CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference N	1ethod	Date/Time Prepared	Date/Time Analyzed	Analyst
31-11-3	Dimethyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D	CTDOUN	01/28/2020 07:42	01/28/2020 17:22	OW
34-74-2	Di-n-butyl phthalate	48.7	J	ug/kg dry	47.7	95.2	2	EPA 8270D		ELAC-NY10854,NJD1 01/28/2020 07:42 ELAC-NY10854,NJD1	01/28/2020 17:22	OW
17-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22	OW
06-44-0	Fluoranthene	2520		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
6-73-7	Fluorene	103		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	NELAC-N	01/28/2020 07:42 Y10854,NJDEP,PADE	01/28/2020 17:22 P	OW
18-74-1	Hexachlorobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
7-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
7-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
7-72-1	Hexachloroethane	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	ow
93-39-5	Indeno(1,2,3-cd)pyrene	715		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	ow
3-59-1	Isophorone	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
1-20-3	Naphthalene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
3-95-3	Nitrobenzene	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
2-75-9	N-Nitrosodimethylamine	ND	CCV-L	ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
1-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	OW
5-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22	OW
5-01-8	Phenanthrene	1480		ug/kg dry	47.7	95.2	2	EPA 8270D		01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22	OW
29-00-0	Pyrene	2630		ug/kg dry	47.7	95.2	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	ow
10-86-1	Pyridine	ND		ug/kg dry	191	381	2	EPA 8270D Certifications:	CTDOH,N	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:22 EP,PADEP	ow
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
165-60-0	Surrogate: SURR: Nitrobenzene-d5	106 %			22-108							
21-60-8	Surrogate: SURR: 2-Fluorobiphenyl	59.6 %			21-113							
1718-51-0	Surrogate: SURR: Terphenyl-d14	84.2 %			24-116							



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

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 12:30 pm01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

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



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 <u>Collection Date/Time</u> January 22, 2020 12:30 pm Date Received 01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No	o. 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,NJD	EP,PADEP	
	Surrogate Recoveries	Result		Acceptanc	e Range					
2051-24-3	Surrogate: Decachlorobiphenyl	69.6 %		30-1	150					
877-09-8	Surrogate: Tetrachloro-m-xylene	48.3 %		30-1	150					

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3550C

Log	g-in	N	01	tes:	

Sample Notes:

CAS N	o. 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-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:55 EP,PADEP	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:55 EP,PADEP	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:55 EP,PADEP	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:55 EP,PADEP	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:55 EP,PADEP	SR
11097-69-1	Aroclor 1254	0.0784		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:55 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	NELAC-N	01/27/2020 07:41 Y10854,CTDOH,NJDI	01/27/2020 19:55 EP,PADEP	SR
1336-36-3	* Total PCBs	0.0784		mg/kg dry	0.0189	1	EPA 8082A Certifications:		01/27/2020 07:41	01/27/2020 19:55	SR
	Surrogate Recoveries	Result		Acceptanc	e Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.0 %		30-1	40						
2051-24-3	Surrogate: Decachlorobiphenyl	76.5 %		30-1	40						

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No	o. Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference M	Date/ Iethod Prep	Time pared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	17600	В	mg/kg dry	5.72	1	EPA 6010D Certifications:	01/24/202 CTDOH,NELAC-NY10		01/27/2020 11:42 P,PADEP	TJM
7440-36-0	Antimony	ND		mg/kg dry	2.86	1	EPA 6010D Certifications:	01/24/202 CTDOH,NELAC-NY10		01/27/2020 11:42 P,PADEP	TJM
7440-38-2	Arsenic	7.50		mg/kg dry	1.72	1	EPA 6010D Certifications:	01/24/202 CTDOH,NELAC-NY10		01/27/2020 11:42 P,PADEP	TJM
7440-39-3	Barium	364		mg/kg dry	2.86	1	EPA 6010D Certifications:	01/24/202 CTDOH,NELAC-NY10		01/27/2020 11:42 P,PADEP	TJM

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ClientServices (Production

Page 87 of 102



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 <u>Collection Date/Time</u> 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	o. Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference 1	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-43-9	Cadmium	1.31		mg/kg dry	0.343	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-70-2	Calcium	17300		mg/kg dry	5.72	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-47-3	Chromium	43.9		mg/kg dry	0.572	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-48-4	Cobalt	16.0		mg/kg dry	0.458	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-50-8	Copper	58.1		mg/kg dry	2.29	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7439-89-6	Iron	31800		mg/kg dry	28.6	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7439-92-1	Lead	479		mg/kg dry	0.572	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7439-95-4	Magnesium	8090		mg/kg dry	5.72	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7439-96-5	Manganese	322		mg/kg dry	0.572	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-02-0	Nickel	43.4		mg/kg dry	1.14	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-09-7	Potassium	4650		mg/kg dry	5.72	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7782-49-2	Selenium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-22-4	Silver	ND		mg/kg dry	0.572	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-23-5	Sodium	188		mg/kg dry	57.2	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-28-0	Thallium	ND		mg/kg dry	2.86	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-62-2	Vanadium	63.8		mg/kg dry	1.14	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42 P,PADEP	TJM
7440-66-6	Zinc	315		mg/kg dry	2.86	1	EPA 6010D Certifications:		01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:42	TJM

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS N	0.	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		01/23/2020 16:33	01/23/2020 21:31	MAO
								Certifications:	CTDOH,N.	JDEP,NELAC-NY1085	54,PADEP	



Client Sample ID: B-5 0-2 ft **York Sample ID:** 20A0844-09

York Project (SDG) No. Client Project ID Matrix Collection Date/Time Date Received 431 Concord January 22, 2020 12:30 pm 20A0844 Soil 01/23/2020

Log-in Notes: Total Solids 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	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. Client Project ID Date Received Matrix Collection Date/Time 20A0844 431 Concord Soil January 22, 2020 1:00 pm 01/23/2020

Log-in Notes:

Sample Notes:

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

bumple i reputed	d by Method. Elit 505511										
CAS No.	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	Date/Time ethod 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: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	01/25/2020 19:43 TDOH,NELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ

630)-20-6	1,1,1,2-Tetrachloroethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
71-	55-6	1,1,1-Trichloroethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 01/26/2020 09:14 LLJ CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
70	24.5	112274	ND	ug/kg dry	1.0	3.9	1	EPA 8260C		
/9-	34-5	1,1,2,2-Tetrachloroethane	ND	ug/kg ury	1.9	3.9	1	Certifications:	01/25/2020 19:43 01/26/2020 09:14 LLJ CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
76-	13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
70	15 1	(Freon 113)	ND	ug ug ur)	1.5	3.7	•	Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
79-	00-5	1,1,2-Trichloroethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
		1,1,2 1110110101111110	1.5	0 0 7				Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
75-	34-3	1,1-Dichloroethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
75-	35-4	1,1-Dichloroethylene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
87-	61-6	1,2,3-Trichlorobenzene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	
96-	18-4	1,2,3-Trichloropropane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP	
120)-82-1	1,2,4-Trichlorobenzene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	
95-	63-6	1,2,4-Trimethylbenzene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43	
0.6	10.0					2.0		Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
96-	12-8	1,2-Dibromo-3-chloropropane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 01/26/2020 09:14 LLJ CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	
100	. 02. 4	10.77	ND	/! 4	1.0	3.9				
100	5-93-4	1,2-Dibromoethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 01/26/2020 09:14 LLJ CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	

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

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 1:00 pm01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes:	Sample Notes:

CAS No.	Parameter	Result	Flag Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43		LLJ
107-06-2	1,2-Dichloroethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	TDOH,NELAC-NY10854,NE 01/25/2020 19:43 TDOH,NELAC-NY10854,NE	01/26/2020 09:14	LLJ
78-87-5	1,2-Dichloropropane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43 TDOH,NELAC-NY10854,NE	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:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
541-73-1	1,3-Dichlorobenzene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
106-46-7	1,4-Dichlorobenzene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
123-91-1	1,4-Dioxane	ND	ug/kg dry	39	78	1	EPA 8260C Certifications:	01/25/2020 19:43 IELAC-NY10854,NELAC-NY		LLJ
78-93-3	2-Butanone	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
591-78-6	2-Hexanone	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
108-10-1	4-Methyl-2-pentanone	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
67-64-1	Acetone	ND	ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
107-02-8	Acrolein	ND	ug/kg dry	3.9	7.8	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
107-13-1	Acrylonitrile	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
71-43-2	Benzene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
74-97-5	Bromochloromethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 IELAC-NY10854,NELAC-NY		LLJ
75-27-4	Bromodichloromethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
75-25-2	Bromoform	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
74-83-9	Bromomethane	ND	ug/kg dry	1.9	3.9	1	EPA 8260C Certifications:	01/25/2020 19:43 TDOH,NELAC-NY10854,NE		LLJ
75-15-0	Carbon disulfide	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43 TDOH,NELAC-NY10854,NE	01/26/2020 09:14	LLJ
56-23-5	Carbon tetrachloride	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43 TDOH,NELAC-NY10854,NE	01/26/2020 09:14	LLJ
108-90-7	Chlorobenzene	ND	ug/kg dry	1.9	3.9	1	EPA 8260C	01/25/2020 19:43 TDOH,NELAC-NY10854,NE	01/26/2020 09:14	LLJ

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Page 90 of 102



Client Sample ID: B-5 2-4 ft York Sample ID: 20A0844-10

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 1:00 pm01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

<u>1 - Comprehensive</u> <u>Log-in Notes:</u>

Sample Notes:

CAS No	o. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	lethod	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
								Certifications: 0	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
67-66-3	Chloroform	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
									TDOH,NE	LAC-NY10854,NEL		
74-87-3	Chloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: 0	TDOH NE	01/25/2020 19:43 LAC-NY10854,NEL	01/26/2020 09:14	LLJ
156-59-2	ii 12 Diablassabalassa	ND		na/ka dru	1.9	3.9	1	EPA 8260C	TDOII,NE	01/25/2020 19:43	01/26/2020 09:14	LLJ
150-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1		CTDOH.NE	LAC-NY10854,NEL		LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	,	01/25/2020 19:43	01/26/2020 09:14	LLJ
10001 01 5	cis-1,5-Diemolopiopyiche	ND							CTDOH,NE	LAC-NY10854,NEL		223
110-82-7	Cyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
	- J							Certifications:	NELAC-NY	10854,NELAC-NY1	2058,NJDEP,PAE	
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
								Certifications:	NELAC-NY	10854,NELAC-NY1	2058,NJDEP,PAE	
74-95-3	Dibromomethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
								Certifications:	NELAC-NY	10854,NELAC-NY1	2058,NJDEP,PAE	
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
								Certifications:	NELAC-NY	10854,NELAC-NY1	2058,NJDEP,PAE	
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
									CTDOH,NE	LAC-NY10854,NEL		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	TEL AC NIV	01/25/2020 19:43	01/26/2020 09:14	LLJ
						2.0			NELAC-NY	10854,NELAC-NY1		
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: 0	TDOH NE	01/25/2020 19:43 LAC-NY10854,NEL	01/26/2020 09:14	LLJ
79-20-9	Method costete	ND		ug/kg dry	1.9	3.9	1	EPA 8260C	TDOII,NE	01/25/2020 19:43	01/26/2020 09:14	LLJ
19-20-9	Methyl acetate	ND		ug/kg ury	1.9	3.9	1		NELAC-NY	10854,NELAC-NY1		LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
	Methyl tert butyl eller (WIBE)	ND							CTDOH,NE	LAC-NY10854,NEL		
108-87-2	Methylcyclohexane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
	,							Certifications:	NELAC-NY	10854,NELAC-NY1	2058,NJDEP,PAE	
75-09-2	Methylene chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
								Certifications: 0	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
								Certifications: 0	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
								Certifications: 0	CTDOH,NE	LAC-NY10854,NEL	AC-NY12058,NJ	
95-47-6	o-Xylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43	01/26/2020 09:14	LLJ
									TDOH,NE	LAC-NY10854,NEL		
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	троп иг	01/25/2020 19:43	01/26/2020 09:14 AC NIV12058 PA	LLJ
00.07.6	T 10.1	115			1.0	2.0			TDOH,NE	LAC-NY10854,NEL		
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: 0	TDOH NE	01/25/2020 19:43 LAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058 NJ	LLJ
								Continuations.	, i DOII,NE	L. 1C-11 1 10054, NEL	10-141 12030,143	

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Page 91 of 102



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 <u>Collection Date/Time</u> January 22, 2020 1:00 pm Date Received 01/23/2020

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5035A

Log-in Notes: Sample Notes:

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	ethod	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH NE	01/25/2020 19:43 ELAC-NY10854,NELA	01/26/2020 09:14 AC-NY12058 NI	LLJ
100-42-5	Styrene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C		01/25/2020 19:43 ELAC-NY10854,NEL	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: N	ELAC-NY	01/25/2020 19:43 /10854,NELAC-NY12	01/26/2020 09:14 2058,NJDEP,PAE	LLJ
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
108-88-3	Toluene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH	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: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.9	3.9	1	EPA 8260C Certifications: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.8	12	1	EPA 8260C Certifications: C	TDOH,NE	01/25/2020 19:43 ELAC-NY10854,NEL	01/26/2020 09:14 AC-NY12058,NJ	LLJ
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No	. Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference M	ethod 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: C	01/28/2020 07:42 TDOH,NELAC-NY10854,NJI	01/28/2020 17:53 DEP,PADEP	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: N	01/28/2020 07:42 ELAC-NY10854,PADEP	01/28/2020 17:53	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications: N	01/28/2020 07:42 ELAC-NY10854,PADEP	01/28/2020 17:53	OW

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Page 92 of 102



Client Sample ID: B-5 2-4 ft York Sample ID: 20A0844-10

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 1:00 pm01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

<u>Log-in Notes:</u> Sample Notes

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		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	NELAC-N	Y10854,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D	CTROUNI	01/28/2020 07:42	01/28/2020 17:53	OW
01.55.4		175			40.7	00.2	2	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:53	OW
01.04.1		175			40.7	00.2	2		CTDOII,N			OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D Certifications:	NEL AC NO	01/28/2020 07:42 Y10854,NJDEP,PADE	01/28/2020 17:53	OW
00.00.2	2.37	ND		/	99.2	198	2		NELAC-N			OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.2	198	2	EPA 8270D Certifications:	CTDOH NI	01/28/2020 07:42 ELAC-NY10854,NJDI	01/28/2020 17:53 EPPADEP	OW
101-55-3	4 Day or all all and other	ND		na/ka des	49.7	99.2	2	EPA 8270D	CIDOII,III	01/28/2020 07:42	01/28/2020 17:53	OW
101-33-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.7	99.2	2	Certifications:	CTDOH.NI	ELAC-NY10854,NJDI		OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
100-47-8	4-Cinoroannine	ND		ug/kg ury	42.7	77.2	2	Certifications:	CTDOH.NI	ELAC-NY10854,NJDI		OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D	,	01/28/2020 07:42	01/28/2020 17:53	OW
7000 72 3	4-Chlorophenyr phenyr ether	ND		-887			_	Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		0
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.2	198	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
	Titadamine	ND						Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
83-32-9	Acenaphthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
208-96-8	Acenaphthylene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
62-53-3	Aniline	ND		ug/kg dry	199	397	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	NELAC-N	Y 10854,NJDEP,PADEI	P	
120-12-7	Anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	



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 <u>Collection Date/Time</u> January 22, 2020 1:00 pm Date Received 01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes:

		d by Method: EPA 3550C									_		
	CAS No.	. Parameter	Result	Flag	Units		LOQ	Dilution	Reference M	Iethod			Analyst
11	111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
18-60- Bis 2-shloroisopropylyther ND									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
1984 BisQ-calioroisopropylytheme	111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
									Certifications:	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
17.81-7-17-17-17-18-18-18-19-18-18-18-18-18-18-18-18-18-18-18-18-18-	108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
Certifications									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
	117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
Chrysne ND	86-74-8	Carbazole	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
State Stat									Certifications:	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
	218-01-9	Chrysene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
	53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
									Certifications:	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
	132-64-9	Dibenzofuran	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
									Certifications:	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
13-11-13 Dimethyl phthalate Pure Pur	84-66-2	Diethyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
Reference Refe									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
No. No.	131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
117-84-0 Di-n-octyl phhalate ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07-22 01/28/2020 07-23 01/28/2020 17-53 0W 200-44-0 Pluoranthene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07-24 01/28/2020 17-53 0W 200-44-0 Pluoranthene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07-24 01/28/2020 17-53 0W 200-44-0 Pluoranthene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07-24 01/28/2020 17-53 0W 200-44-0 Pluoranthene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07-24 01/28/2020 17-53 0W 200-44-0 Pluoranthene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07-24 01/28/2020 07-24 01/28/2020 17-53 0W 200-44-0 Pluoranthene ND CCV-L ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07-24 01/28/									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
11-84-0 Di-n-octyl phthalate ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07.42 01/28/2020 17.53 OW Certifications: CTDOH,NELAC-NY10854,NUE-PADEP OW Certifications: NELAC-NY10854,NUE-PADEP OW Certifications: NELAC-NY10854,NUE-PADEP OW Certifications: CTDOH,NELAC-NY10854,NUE-PADEP	84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
Certifications									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
Pluoranthene Pluo	117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
Record Fluorene Record									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
Flueree Flue	206-44-0	Fluoranthene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		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 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NIDEP,PADEP									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
18-74-1 Hexachlorobenzene ND ug/kg dry 49.7 99.2 2 EPA 8270D 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		01/28/2020 07:42	01/28/2020 17:53	OW
Certifications: CTDOH,NELAC-NY10854,NIDEP,PADEP CERTIFICATIONS:									Certifications: N	NELAC-NY	10854,NJDEP,PADE	P	
Hexachlorobutadiene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW OW OW OW OW OW OW O	118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 77-47-4 Hexachlorocyclopentadiene ND CCV-L ug/kg dry 49.7 99.2 2 EPA 8270D O1/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 67-72-1 Hexachlorocethane ND ug/kg dry 49.7 99.2 2 EPA 8270D O1/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 193-39-5 Indeno(1,2,3-cd)pyrene ND ug/kg dry 49.7 99.2 2 EPA 8270D O1/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 78-59-1 Isophorone ND ug/kg dry 49.7 99.2 2 EPA 8270D O1/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 78-59-1 Sophorone ND ug/kg dry 49.7 99.2 2 EPA 8270D O1/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 91-20-3 Naphthalene ND ug/kg dry 49.7 99.2 2 EPA 8270D O1/28/2020 07:42 01/28/2020 17:53 OW									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
ND CCV-L ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP OW OW OW OW OW OW OW O	87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP COMPANIES CT									Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
67-72-1 Hexachloroethane ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 193-39-5 Indeno(1,2,3-cd)pyrene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 78-59-1 Isophorone ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 91-20-3 Naphthalene ND ug/kg dry 49.7 99.2 2 EPA 8270D 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		01/28/2020 07:42	01/28/2020 17:53	OW
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 193-39-5 Indeno(1,2,3-cd)pyrene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP OW OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP OW OW OW OW OW OW OW O									Certifications:	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
193-39-5 Indeno(1,2,3-cd)pyrene ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 78-59-1 Isophorone ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 91-20-3 Naphthalene ND ug/kg dry 49.7 99.2 2 EPA 8270D 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		01/28/2020 07:42	01/28/2020 17:53	OW
Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP Specifications: CTDOH,NELAC-NY10854,NJDEP,PA									Certifications:	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
78-59-1 Isophorone ND ug/kg dry 49.7 99.2 2 EPA 8270D 01/28/2020 07:42 01/28/2020 17:53 OW Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP 91-20-3 Naphthalene ND ug/kg dry 49.7 99.2 2 EPA 8270D 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		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 01/28/2020 07:42 01/28/2020 17:53 OW									Certifications:	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
P1-20-3 Naphthalene ND ug/kg dry 49.7 99.2 2 EPA 8270D 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		01/28/2020 07:42	01/28/2020 17:53	OW
		-							Certifications:	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	
	91-20-3	Naphthalene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	ow
			•		•				Certifications: C	CTDOH,NE	LAC-NY10854,NJD	EP,PADEP	



Client Sample ID: B-5 2-4 ft

York Project (SDG) No.Client Project IDMatrixCollection Date/TimeDate Received20A0844431 ConcordSoilJanuary 22, 2020 1:00 pm01/23/2020

Semi-Volatiles, 8270 Base/Neutrals

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

Sample Notes:

York Sample ID:

20A0844-10

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		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
86-30-6	N-Nitrosodiphenylamine	ND	CCV-L	ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
85-01-8	Phenanthrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
129-00-0	Pyrene	ND		ug/kg dry	49.7	99.2	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
110-86-1	Pyridine	ND		ug/kg dry	199	397	2	EPA 8270D		01/28/2020 07:42	01/28/2020 17:53	OW
								Certifications:	CTDOH,N	ELAC-NY10854,NJDI	EP,PADEP	
	Surrogate Recoveries	Result		Acce	ptance Ran	ge						
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

Sample Prepared by Method: EPA 3550C

Log-in Notes:

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

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Page 95 of 102



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 <u>Collection Date/Time</u> January 22, 2020 1:00 pm Date Received 01/23/2020

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

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		01/27/2020 07:41	01/28/2020 20:26	СМ
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	5	EPA 8081B		01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	5	EPA 8081B		01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	CTDOH,NI	ELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	5	EPA 8081B		01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
72-20-8	Endrin	ND		ug/kg dry	1.96	5	EPA 8081B		01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	5	EPA 8081B		01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	5	EPA 8081B		01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI	EP,PADEP	
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	5	EPA 8081B		01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	CTDOH,NI	ELAC-NY10854,NJDI		
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.96	5	EPA 8081B		01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	NELAC-N	Y10854,NJDEP		
76-44-8	Heptachlor	ND		ug/kg dry	1.96	5	EPA 8081B	CER ON VI	01/27/2020 07:41	01/28/2020 20:26	CM
							Certifications:	CIDOH,NI	ELAC-NY10854,NJDI	<i>'</i>	
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	5	EPA 8081B Certifications:	CTDOLLNI	01/27/2020 07:41	01/28/2020 20:26	CM
						_		CTDOH,NI	ELAC-NY10854,NJDI		
72-43-5	Methoxychlor	ND		ug/kg dry	9.78	5	EPA 8081B Certifications:	CTDOLLNI	01/27/2020 07:41	01/28/2020 20:26	CM
0001.05.0		1770			00.0	-		CIDON,NI	ELAC-NY10854,NJD1		G) (
8001-35-2	Toxaphene	ND		ug/kg dry	99.0	5	EPA 8081B Certifications:	CTDOH NI	01/27/2020 07:41 ELAC-NY10854,NJDI	01/28/2020 20:26 EPPADEP	CM
	Commenda Barra	Dl/		A	. D		Certifications.	CIDOII,N	LL/1C-IV I 10054,IVJDI	,	
2051 24 2	Surrogate Recoveries	Result		Acceptance	Ü						
2051-24-3	Surrogate: Decachlorobiphenyl	77.9 %		30-1							
877-09-8	Surrogate: Tetrachloro-m-xylene	76.6 %		30-1	50						

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3550C

Log-in Notes:

Sample Notes:

CAS No	o. Par	rameter Result	Flag Units	Reported to LOQ	Dilution	Reference M	Date/Time Tethod Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND	mg/kg dry	0.0197	1	EPA 8082A Certifications: N	01/27/2020 07:41 VELAC-NY10854,CTDOH,NJDI	01/27/2020 20:23 EP,PADEP	SR
11104-28-2	Aroclor 1221	ND	mg/kg dry	0.0197	1	EPA 8082A Certifications: N	01/27/2020 07:41 WELAC-NY10854,CTDOH,NJDI	01/27/2020 20:23 EP,PADEP	SR
11141-16-5	Aroclor 1232	ND	mg/kg dry	0.0197	1	EPA 8082A Certifications: N	01/27/2020 07:41 VELAC-NY10854,CTDOH,NJDI	01/27/2020 20:23 EP,PADEP	SR
53469-21-9	Aroclor 1242	ND	mg/kg dry	0.0197	1	EPA 8082A Certifications: N	01/27/2020 07:41 RELAC-NY10854,CTDOH,NJDI	01/27/2020 20:23 EP,PADEP	SR

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Page 96 of 102



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)

Sample Prepared by Method: EPA 3550C

	Log-i	n N	ot	es:
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Sample Notes:

CAS N	o. Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Meth	Date/Time od Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELA	01/27/2020 07:41 C-NY10854,CTDOH,NJD	01/27/2020 20:23 EP,PADEP	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELA	01/27/2020 07:41 C-NY10854,CTDOH,NJD	01/27/2020 20:23 EP,PADEP	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	1	EPA 8082A Certifications: NELA	01/27/2020 07:41 C-NY10854,CTDOH,NJD	01/27/2020 20:23 EP,PADEP	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
	Surrogate Recoveries	Result		Acceptance	e Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	94.5 %		30-1	40					
2051-24-3	Surrogate: Decachlorobiphenyl	94.0 %		30-1	40					

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-in Notes: Sample Notes:

CAS N	No. F	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference	Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum		52700	В	mg/kg dry	5.99	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-36-0	Antimony		ND		mg/kg dry	2.99	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-38-2	Arsenic		ND		mg/kg dry	1.80	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-39-3	Barium		606		mg/kg dry	2.99	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-41-7	Beryllium		ND		mg/kg dry	0.060	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-43-9	Cadmium		ND		mg/kg dry	0.359	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-70-2	Calcium		3660		mg/kg dry	5.99	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-47-3	Chromium		105		mg/kg dry	0.599	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-48-4	Cobalt		198		mg/kg dry	0.479	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-50-8	Copper		227		mg/kg dry	2.39	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7439-89-6	Iron		88300		mg/kg dry	29.9	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7439-92-1	Lead		8.20		mg/kg dry	0.599	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7439-95-4	Magnesium		12600		mg/kg dry	5.99	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7439-96-5	Manganese		2340		mg/kg dry	0.599	1	EPA 6010D Certifications:	CTDOH,NI	01/24/2020 10:27 ELAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
400 DF	E0E4B011BB04E		OTDATEODD	OT 00045				A) (E) II IE		DIOLIMOND IIII	1 10/44440	

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Page 97 of 102



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 <u>Collection Date/Time</u> January 22, 2020 1:00 pm Date Received 01/23/2020

Metals, Target Analyte

Sample Prepared by Method: EPA 3050B

Log-	in N	01	tes:

Sample Notes:

CAS No	o. Parameto	er 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,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	ТЈМ
7440-09-7	Potassium	11300	mg/kg dry	5.99	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7782-49-2	Selenium	ND	mg/kg dry	2.99	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-22-4	Silver	ND	mg/kg dry	0.599	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-23-5	Sodium	167	mg/kg dry	59.9	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-28-0	Thallium	ND	mg/kg dry	2.99	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-62-2	Vanadium	138	mg/kg dry	1.20	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:44 EP,PADEP	TJM
7440-66-6	Zinc	187	mg/kg dry	2.99	1	EPA 6010D Certifications:	CTDOH,NE	01/24/2020 10:27 LAC-NY10854,NJDE	01/27/2020 11:44 EPPADEP	TJM

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Mercury

Parameter

Log	-in	No	tes:

Reported to LOQ

0.0359

Dilution

EPA 7473 Certifications:

Sample Notes:

Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
PA 7473	01/23/2020 16:33	01/23/2020 21:40	MAO

CTDOH,NJDEP,NELAC-NY10854,PADEP

Total Solids

CAS No.

7439-97-6

Sample Prepared by Method: % Solids Prep

[ne	σ−in	No	tes

Sample Notes:

CAS	No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference	e Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids		83.5		%	0.100	1	SM 2540G		01/27/2020 11:14	01/27/2020 16:33	JAG
								Certifications:	CTDOH			

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Result

ND

Flag

Units

mg/kg dry

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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. **OL-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. 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). В 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. LOO 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. 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 Reported to 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 The data has been reported on an as-received (wet weight) basis Wet 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.

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Page 100 of 102



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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Page 101 of 102

York Analytical Laboratories, Inc.

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Field Chain-of-Custody Record

240844

YORK Project No.

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.

Turn-Around Time Container Description YORK Reg. Comp. Compared to the following Regulation(s): (please fill in) Souttrass DYSDEC MIT Temp. Received at Lab Special Instruction 168 of Standard (5-7 Day) RUSH - Three Day Commany Co C N PSTricked RUSH - Four Day RUSH - Next Day RUSH - Two Day Dest Liched Field Filtered Lab to Filter 1/13/12 SX ATA METER NJDEP SRP HazSite Standard Excel EDD EQuIS (Standard) NYSDEC EQUIS ZnAc YOUR Project Number 431 Concord 431 (ODGORD YOUR Project Name Report / EDD Type (circle selections) Other: Preservation: (check all that apply) NaOH Samples Relinquished by / Compan Analysis Requested CT RCP DQA/DUE Samples Received in LAB by NJDEP Reduced H2SO4 Deliverables HNO3 YOUR PO#: NJDKQP (BF Other: NY ASP A Package NY ASP B Package Summary Report MeOH Ascorbic Acid Invoice To: P RAI R 250 Date/Time Sampled 125/20 0830 0360 0000 1030 200 100 1000 128 Samples From 1/30 Pennsylvania Connecticut New Jersey New York Other samples Received by / Company DW - drinking water GW - groundwater Matrix Codes Sample Matrix WW - wastewater Other 0-0 Report To: P NA SACAMPTAC Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time-stack will not begin until any questions by YORK are resolved. Samples Collected by: (print your name above and sign below www.yorklab.com Sample Identification Someon State Drilly Archadyis J81-0 1 State +XNO 1810 YOUR Information 0 CYCOFK 2049-4PR Address Ory (Aridinas CUITION Y Contact Drechings OT/11/47 Comments: 7 0 Page 102 of 102

Jas 1/23/2020 1600

Appendix C - Soil Boring Log Reports

SOIL BORING REPORT LOG												
DATE '	SHEET 1 OF 1											
CLIENT	LOCATION ID#											
PROJEC	B-1 / SV-1											
REMARK	KS:											
DRILLIN	СМ											
EQUI	EQUIPMENT SOIL SAMPLER HAMMER WEIGHT/FALL Groundwater Collection Direct 1-inch PVC									DRILL RIG DRILL METHOD		
T	YPE	Ma	acrocore	Push				temporary	MW			
	IZE		nch O.D.	1 4611		1-in. di	a. PCV	sch. 40 slotted		Geoprobe LT5400 Direct		
SURFA	ACE ELEVAT	ΓΙΟΝ NA		Surface	Mat	erials: (Concret	e poor conditio	n	Push		
WATER	LEVEL (IN C	PEN BOF	REHOLE)	No grou	nd v	vater fou	nd tem	p well installed	and remains	dry 1/23/20		
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	ST	RATA	SOIL	- ROCK DESC	CRIPTION - (- CLASSIFICATION		
	*S-1	0 - 4	0.0	dry			Concr	ete pavement				
5 10 15 20	*S-2	4 – 8 8 – 12	4.5	dry			Weath Dense EOB (collectorefusate * sample Sample B-1 B-1	Brown F-M SAl concrete fragme Brown Loose nered Bedrock I be bedrock drilling 12ft Borehod 1. No perched 0 le collected for labors collected: 0 – 2 feet 10 – 12 feet ample depth 10 ft	ents intermix SAND; coal coal	slag (URBAN FILL) 2 ft to 12ft for GW n. Bedrock		
30												

							<u>. O</u> .	111 LOC	<u> </u>			
DATE	SHEET 1 OF 1											
CLIENT	LOCATION ID#											
PROJEC	B-2 / SV-2											
REMAR	KS:											
DRILLIN	СМ											
EQU	EQUIPMENT SOIL SAMPLER HAMMER WEIGHT/FALL Groundwater Collection Direct 1-inch PVC									DRILL RIG DRILL METHOD		
Т	YPE	Ma	acrocore	Push	_			temporary	MW	Geoprobe		
5	SIZE	2 - i	nch O.D.							LT5400 Direct		
SURF	ACE ELEVA	ΓΙΟΝ: NA		Surface	Mat	erials: g	gravel a	and broken pave	ement	Push		
WATER	LEVEL (IN C	PEN BOF	REHOLE):	No grou	ınd w	vater fou	ınd					
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	ST	RATA	SOIL	- ROCK DESC	CRIPTION -	CLASSIFICATION		
	*S-1	0 - 4	0.0	dry			Grave	el				
5	S-2 *S-3	4 – 8 8 – 12	0.0	dry			brink, Cours	/Brown F-M SAl concrete fragm se Brown Loose nered Bedrock I	one, gravel, red red with Fine to (URBAN FILL)			
15							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					
25							Sample B-2 B-2	le collected for labo es collected: 0 – 2 feet 10 – 12 feet ample depth 10 ft	iatury arialysis			

DATE 1-22-2020										SHEET 1 OF 1			
CLIENT Environmental Studies Corporation										LOCATION ID#			
PROJEC	B-3												
REMARK													
DRILLIN	СМ												
EQUI	PMENT	SOIL	SAMPLER	HAMMEI WEIGHT/F	ALL			Groundwater Collecti		DRILL RIG DRILL METHOD			
T	YPE	Ma	acrocore	Push				temporary	MW	Geoprobe			
S	IZE	2 - i	nch O.D.							LT5400 Direct			
SURFA	ACE ELEVAT	ΓΙΟΝ: NA		Surface	Mat	erials: g	gravel a	and broken pave	ement	Push			
WATER	LEVEL (IN C	PEN BOF	REHOLE):	No grou	ınd w	/ater fou	ınd						
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	ST	RATA	SOIL	- ROCK DESC	CRIPTION - (CLASSIFICATION			
	*S-1	0 - 4	0.0	dry			Grass	and gravel					
5	S-2 *S-3	4 – 8 8 – 12	0.0	dry			Black/Brown F-M SAND Loose stone, gravel, red brink, concrete fragments intermixed with Fine to Course Brown Loose SAND; coal slag (URBAN FILL						
	0 0	0 12	0.0	ury			Weath	nered Bedrock I	òose				
10							Dense bedrock drilling refusal = 12 ft EOB @ 12ft Borehole advanced to 12ft for GW collection. Bedrock refusal. No perched GW on bedrock surface						
15													
20							* sample collected for laboratory analysis Samples collected: B-3 0 - 2 feet B-3 10 - 12 feet						
30													

			SOIL L	JOITH	-			KI LOC	<u> </u>			
DATE	SHEET 1 OF 1											
CLIENT	LOCATION ID#											
PROJEC	B-4 / SV-3											
REMARK	KS:											
DRILLIN	OGGED BY PR DRILLER		СМ									
EQUI	EQUIPMENT SOIL SAMPLER HAMMER WEIGHT/FALL Groundwater Collection Direct 1-inch PVC									DRILL RIG DRILL METHOD		
T	YPE	Ма	acrocore	Push	1			temporary	MW	Geoprobe		
S	IZE	2 - i	inch O.D.							LT5400 Direct		
SURFA	CE ELEVA	ΓΙΟΝ: NA		Surface	Mat	erials: g	grass ai	nd gravel		Push		
WATER	LEVEL (IN C	PEN BOF	REHOLE):	No grou	ınd v	vater fou	ınd					
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	ST	RATA	SOIL	- ROCK DESC	RIPTION - (CLASSIFICATION		
	*S-1	0 - 4	0.0	dry			Grass	and gravel				
5	*S-3	4 – 8 8 – 12	0.0	dry				(ŬRBAN FILL)				
15							EOB @ 12ft Borehole advanced to 12ft for GW collection. Bedrock refusal. No perched GW on bedrock surface					
25							* sample Sample B-4 B-4 SV-3 co					
30												

DATE	1-22-2020									SHEET 1 OF 1		
CLIENT Environmental Studies Corporation										LOCATION ID#		
PROJEC	B-5											
REMARI												
DRILLIN	СМ											
EQUIPMENT SOIL SAMPLER HAMMER WEIGHT/FALL Groundwater Collection Direct 1-inch PVC									DRILL RIG DRILL METHOD			
T	YPE	Ma	acrocore	Push				temporary	MW			
S	IZE	2 - i	nch O.D.							Geoprobe LT5400 Direct		
SURFA	ACE ELEVA	TION: NA		Surface	Mat	terials: ໌ເ	grass a	nd gravel		Push		
WATER	LEVEL (IN C	PEN BOF	REHOLE):	No grou	ınd v	vater fou	ınd			•		
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	ST	RATA	SOIL	- ROCK DESC	CRIPTION - (CLASSIFICATION		
	*S-1	0 - 4	0.0	dry				and gravel				
					1			Brown F-M SA concrete fragm		one, gravel, red		
	S-2	4 – 8	0.0	dry	<u> </u>		Fine to Course Brown Loose SAND (URBAN F					
5					-		Dense	e bedrock drillin	à refusal = 1	ft		
					1		Dense	e bearook ariiiir	g relusal – 4	10		
	*S-3	8 – 12	0.0	dry			FOR (edrock surface				
10					1		LOD	e in No poro	100 011 011 0	ouroun ouridoo		
								le collected for labo	ratory analysis			
					-		B-5 '	es collected: 0 – 2 feet 10 – 12 feet				
					1		B-5					
15												
					-							
20					-							
20												
					-							
25												
					4							
					1							
30												