

5 May 2021

Mr. Wade Stevens
GO Covenant LLC
432 Park Avenue South, 2nd Floor
New York, NY 10016

**Re: Environmental Soil Pre-Characterization Results
550 10th Avenue Redevelopment (the "Project")
550 10th Avenue
Block 1050, Lot 61
New York, New York
Langan Project No.: 100674402
OER Project Nos. 20TMP0490M and 20EH-N114M**

Dear Mr. Stevens,

On 10 and 11 February 2021, Langan conducted environmental soil pre-characterization sampling at the above-referenced property in order to assess soil disposal options. The sampling was completed concurrent with the Remedial Investigation required by the New York City Office of Environmental Remediation (NYCOER) in accordance with the Hazardous Materials E-designation for the property. Due to the E-designation, the site is considered an environmentally regulated site and all material generated is considered a regulated waste and as such, all material is required to be disposed of at a regulated end-use facility. The soil pre-characterization investigation and the resultant findings presented in this report have been prepared so that these facilities may make a determination regarding their ability to accept the material for disposal. Findings of the Remedial Investigation which was completed during investigation activities completed in 2017, 2018, 2019, and 2021 are provided under separate cover.

The approximately 16,000-square-foot Site is located at 550 10th Avenue in the Clinton neighborhood of Manhattan, New York, and is identified as Block 1050 and Lot 61 on the New York City Tax Map. Figure 1 shows the Site location. The Site currently consists of the Covenant House New York shelter for homeless youth, an asphalt paved parking lot within the western portion of the property, and construction field offices associated with the redevelopment of the adjacent site to the east. The site is bordered by 10th Avenue to the west, West 41st Street to the north, West 40th Street to the south, and the active redevelopment site to the east. New York City Transit (NYCT) 7 Line subway tunnels are located to the north of the site below West 41st Street. In addition, Lincoln Tunnel entrance roads and access ramps for the nearby Port Authority Bus Terminal are located to the south of the site, beyond West 40th Street. The existing basement level beneath the Site extends between approximately 10.5 and 15 feet below sidewalk level (bsl).

The proposed redevelopment includes demolishing the existing 8-story Covenant House building and associated cellar space and construction of a 48-story building residential building with one cellar level.

Project Scope

Existing Site Conditions

The following site stratigraphy information is based on borings completed during the 2017, 2018, and 2021 environmental and geotechnical investigations.

Site stratigraphy below the asphalt parking lot on the northern portion of the subject property consists of an approximately 9.5- to 20-foot thick layer of historic fill underlain by a silty sand unit followed by weathered mica schist rock.

Stratigraphy beneath the existing basement floor slab, which varied from 6 to 18 inches thick, consists of a 0- to 13-foot thick layer of historic urban fill. The fill was observed to be 2.5- to 3.5-feet thick in the west-southwest portion of the building footprint and 3- to 3.5-foot thick in the eastern portion of the building footprint. Drilling refusal was encountered in both of these areas beneath the fill material on presumed mica schist. The fill material in the eastern portion of the building footprint was observed to be underlain silty sand to the depth of drilling refusal (on presumed weathered mica schist) which varied between 5- and 10.5-feet below the basement floor slab. Fill material was observed to be between 8- and 13-feet thick and underlain by a silty sand to the proposed development depth in the central portion of the building footprint. In several borings throughout the building footprint, native material was observed directly beneath the existing basement slab. At these locations, drilling refusal on weathered mica schist rock was encountered between 5- and 6-feet below the basement slab. Clay was also encountered in the northeastern portion of the building footprint from 9 to 10.5 feet below basement floor slab. Based on the geotechnical investigation completed by Langan between January and February 2018, weathered mica schist was encountered between 24.5- and 34.9-feet bsl and competent mica schist was encountered between 28- and 45-feet bsl.

Based on the curb elevations provided in the 16 February 2018 Preliminary Architectural Survey prepared for Covenant House by True North Surveyors, P.C. of Edison, New Jersey, and the depth to groundwater collected during the remedial investigation, the groundwater elevation beneath the site varies from el +9 ft to el +12 ft NAVD88. Groundwater flow is anticipated to be to the west towards the Hudson River.

Proposed Redevelopment

The proposed future use of the Site will consist of a new 48-story residential building with an approximate footprint area of 14,000 square-feet.

Excavation will be completed to vertically and horizontally extend the current cellar extents. Based on the proposed excavation of approximately 14,000 square feet for construction of the proposed cellar to a depth of approximately 17.5 feet bsl, it is estimated that approximately

2,140 tons of soil/fill material will need to be excavated for offsite disposal to between 0 and 17.5 feet bsl in the footprint of the current asphalt-paved parking lot and approximately 4,470 tons of soil/fill material will need to be excavated for offsite disposal to between 10.5 and 17.5 feet bsl within the current building footprint (corresponding to between 0 and 7 feet below the current cellar slab). Additional localized excavation will be required for the construction of deeper foundation elements to between 22.5 and 26 feet bsl throughout the proposed building footprint (corresponding to between 12 and 15.5 feet below the current cellar slab). It is anticipated that excavation for construction of the deep foundation elements will extend into bedrock, which was encountered at approximately 24.5 feet bsl during geotechnical investigations.

Based on requirements of soil disposal facilities commonly used for New York development projects, one characterization sample is required per 800 cu. yds of soil to be disposed of. As such, analytical results for soil samples collected during the soil pre-characterization are provided for characterization of approximately 7,200 tons of soil/fill material between 0 and 27.5 feet bsl.

Sampling Procedures

During the February 2021 sampling event Langan collected a total of six composite soil samples (WC-1A/B, WC-2 through WC-4) from 12 soil borings (LSB-2A, LSB-5A, LSB-8A, LSB-21A, LSB-22A, LSB-23A, LSB-24A, and LSB-25 through LSB-29) in order to characterize the anticipated excavation depth of 17.5 feet bsl. A deeper sample (WC-5) was also collected from the area of the proposed elevator pit to characterize material that will need to be removed for construction of deeper foundation elements to a depth of 27.5 feet bsl. Soil sample locations are shown on Figure 2, and laboratory results are summarized in Table 1 through Table 4. Laboratory analytical data packages are provided as Attachment 1.

Each composite sample was obtained by compositing at least five discrete soil samples collected from the appropriate depth interval from within up to four test borings. The composite soil samples were thoroughly homogenized (with exception of the samples collected for VOCs), and placed directly into the appropriate laboratory-supplied sampling containers. For each composite sample collected, one discrete sample for VOCs was collected from a six-inch interval within one of the test borings. The following table provides a summary of sample locations and depths.

Pre-Characterization Samples						
Sample Name	Test Boring Composite Samples Collected From	Composite Sample Depth (ft bgs)	Composite Sample Depth (ft bsl)	Discrete VOC Sample Collected From	Discrete VOC Sample Depth (ft bgs)	Discrete VOC Sample Depth (ft bsl)
WC-1A	LSB-2A and LSB-21A	0-9		LSB-2A	0-0.5	
WC-1B	LSB-2A and LSB-21A	9-18		LSB-21A	14-14.5	
WC-2	LSB-8A, LSB-22A, and LSB-26	0-7.5	10.5-18	LSB-8A	0-0.5	10.5-11
WC-3	LSB-5A, LSB-23A, LSB-25, and LSB-27,	0-7.5	10.5-18	LSB-5A	2-2.5	12.5-13
WC-4	LSB-24A and LSB-29	0-6.5	15-21.5	LSB-24A	4.5-5	19.5-20
WC-5	LSB-8A	6.5-16	18-27.5	LSB-8A	13-13.5	24-24.5

ft bgs – feet below ground (drilling) surface

ft bsl – feet below sidewalk level

Soil samples were analyzed by York Analytical Laboratories, Inc. of Stratford, Connecticut (a New York ELAP certified laboratory) for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, herbicides, metals including cyanide and hexavalent chromium, polychlorinated biphenyls (PCBs), extractable petroleum hydrocarbons (EPH) spiked for fractionation, full toxicity characteristic leaching procedure (TCLP) analyses, and RCRA hazardous characteristics.

Sampling Results

Analytical results were compared to the New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives (SCOs), the lower of NYSDEC Residential Restricted-Residential SCOs and Protection of Groundwater SCOs, NYSDEC Restricted Residential Restricted Use SCOs, New Jersey Department of Environmental Protection (NJDEP) Residential Direct Contact (RDC) Soil Remediation Standards (SRS), NJDEP Non-Residential Direct Contact (NRDC) SRS, NJDEP Impact to Ground water Soil Remediation Standards (IGWSRS), Pennsylvania Department of Environmental Protection (PADEP) Clean Fill Criteria, PADEP Regulated Fill Criteria, and the United States Environmental Protection Agency (USEPA) Resource Conservation and Recovery Act (RCRA) Characteristics of Hazardous Waste. The cleanup objectives, remediation standards, and criteria most frequently utilized by soil disposal facilities are included in the discussion below. Laboratory analytical results revealed exceedances of applicable criteria in all of the samples collected.

One sample (WC-1A) was composited from 0 to 9 feet below the current asphalt paved parking area to characterize material that will be excavated for the installation of the support of excavation (SOE) and construction of the cellar level. Concentrations detected above the NYSDEC Unrestricted Use SCO included seven SVOCs and two metals. Four SVOCs and one metal were detected above the NJDEP RDCSRS. One SVOC and one metal was also detected above the NJDEP NRDCSRS. Six SVOCs and one metal were detected above the PADEP Clean Fill Criteria; no compounds were detected above the PADEP Regulated Fill Criteria. VOCs, pesticides, herbicides, PCBs, and EPH were not detected above any of the applicable criteria. Additionally, analytical results for the TCLP analyses and RCRA characteristics were not detected above the criteria for a hazardous waste.

Samples WC-1B composited from 9 to 18 feet below the current asphalt paved parking lot, WC-2 was composited from 0 to 7.5 below the existing basement slab (corresponding to 10.5 to 18 feet bsl), and WC-3 was composited from 0 to 7.5 feet below the existing basement slab (corresponding to 10.5 to 18 feet bsl) were collected to characterize material that will be excavated for the installation of the support of excavation (SOE) and construction of the cellar level. Concentrations detected above the NYSDEC Unrestricted Use SCO included ten SVOCs in WC-1B; and two metals in WC-1B and WC-2. Six SVOCs were detected above the NJDEP RDCSRS, four of which were also detected above the NJDEP NRDCSRS in WC-1B. One metal was detected above the NJDEP RDCSRS and NRDCSRS in WC-1B and WC-2. Six SVOCs were detected above the PADEP Clean Fill criteria in WC-1B, one of which was also detected above the PADEP Regulated Fill criteria. Two metals were detected above the PADEP Clean Fill criteria in WC-1B, and, one metal was detected above the PADEP Clean Fill criteria in WC-2 and WC-3. One metal (lead) analyzed for TCLP analysis was detected above the USEPA RCRA Maximum Concentration of Contaminants for the Toxicity Characteristic in WC-1B, as such, the material characterized by this sample is considered to be hazardous. VOCs, pesticides, herbicides, PCBs, and EPH were not detected above any of the applicable criteria in WC-1B, WC-2, and WC-3.

One sample (WC-4) was composited from 0 to 6.5 feet below the existing basement slab (corresponding to 15 to 21.5 feet bsl) to characterize material that will be excavated for the installation of the support of excavation (SOE) and construction of the cellar level. Analytical concentrations did not exceed the NYSDEC Unrestricted Use SCO, NJDEP RDCSRS, NJDEP NRDCSRS, or PADEP Regulated Fill criteria for WC-4. One metal exceeded PADEP Clean Fill criteria in WC-4. Additionally, analytical results for the TCLP analyses and RCRA characteristics were not detected above the criteria for a hazardous waste.

One sample (WC-5) was composited from 6.5 to 16 feet below the existing basement slab (corresponding to 18 and 27.5 feet bsl) to characterize material that will be excavated for the installation of the support of excavation (SOE), construction of the cellar level, and construction of the elevator pit. One VOC (acetone) was detected above the NYSDEC Unrestricted Use SCO in WC-5, although acetone is considered a common laboratory artifact and is likely not indicative of subsurface conditions. No exceedances of the NJDEP RDCSRS,

NJDEP NRDCSRS, or PADEP Regulated Fill criteria were detected for WC-5. One metal was detected above the PADEP Clean Fill criteria. SVOCs, Pesticides, herbicides, PCBs, and EPH were not detected above any of the applicable criteria. Analytical results for the TCLP analyses and RCRA characteristics were not detected above the criteria for a hazardous waste.

Conclusions

The data provided is sufficient for contractors to assess preliminary disposal options and costs for the site; however, some additional analysis may be required by the disposal facilities to meet facility-specific requirements; in particular, the hazardous lead concentration detected from 9 to 18 feet bsl in WC-1B will likely require delineation sampling for facility acceptance and elevated SVOC concentrations may require delineation or additional analysis for facility acceptance. In order to avoid duplicate sampling or generation of data inconsistent with the quality assurance/quality control requirements for this site under the current regulatory framework, ***no additional sampling should be conducted without review of the proposed sampling plan by Langan.***

Due to the involvement with NYCOER, the site is considered to be an environmentally regulated site and all material generated is considered a regulated waste. ***Disposal of material to a recycling facility or any other facility that would subsequently transport material to multiple unregulated sites (i.e., residential sites) is not a permitted disposal action.*** Review and approval of selected disposal facilities by Langan and GO Covenant LLC will be required prior to the shipment of any material off-site.

Please call us with any questions regarding this report.

Sincerely,
**Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.**



Christopher McMahon, CHMM
Associate



Steven Ciambuschini, P.G., L.E.P.
Senior Principal

CM/SAC:kn

Attachments: Table 1 through 4 – Soil Analytical Results
Figures 1 and 2
Attachment 1 – Complete Laboratory Analytical Packages

cc: Amanda Forsburg, Allyson Kritzer – Langan

TABLES

Table 1
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - NY

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location	NYSDEC Part 375	Lower of NYSDEC Part	NYSDEC Part 375	WC-1A	WC-1B	WC-1B	WC-2	WC-3	WC-4	WC-5
Sample ID	Unrestricted Use	375 Restricted Use	Restricted Use	WC-1A_021121	WC-1B_021121	DUP01_021121	WC-2_021121	WC-3_021021 / WC-3_021121	WC-4_021121	WC-5_021121
Laboratory ID	SCOs	Residential and Protection	Restricted-Residential SCOs	21B0416-01	21B0416-02	21B0416-07	21B0416-03	21B0345-02 / 21B0416-04	21B0416-05	21B0416-06
Sample Date		of Groundwater SCOs		2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/10/2021 / 2/11/2021	2/11/2021	2/11/2021
Sample Depth (VOC Sample Depth) (feet bgs)				0-9 (0-0.5)	9-18 (14-14.5)	9-18 (14-14.5)	10.5-18 (10.5-11)	10.5-18 (12.5-13)	15-21.5 (19.5-20)	18-27.5 (24-24.5)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1,1-Trichloroethane	0.68	0.68	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1,2,2-Tetrachloroethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1,2-Trichloroethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1-Dichloroethane	0.27	0.27	26	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1-Dichloroethene	0.33	0.33	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1-Dichloropropene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2,3-Trichlorobenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2,3-Trichloropropane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2,4-Trichlorobenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2,4-Trimethylbenzene	3.6	3.6	52	0.0022 U	0.0057	0.0039 J	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2-Dibromo-3-Chloropropane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2-Dibromoethane (Ethylene Dibromide)	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2-Dichlorobenzene	1.1	1.1	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2-Dichloroethane	0.02	0.02	3.1	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0053 J
1,2-Dichloropropane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	8.4	52	0.0022 U	0.0025 J	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,3-Dichlorobenzene	2.4	2.4	49	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,3-Dichloropropane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,4-Dichlorobenzene	1.8	1.8	13	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,4-Dioxane (P-Dioxane)	0.1	0.1	13	0.043 U	0.043 U	0.058 U	0.042 U	0.042 U	0.044 U	0.085 U
2,2-Dichloropropane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
2-Chlorotoluene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
2-Hexanone	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
4-Chlorotoluene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Acetone	0.05	0.05	100	0.0043 U	0.016	0.035	0.027	0.035	0.018	0.06
Acrolein	~	~	~	0.0043 U	0.0043 U	0.0058 U	0.0042 U	0.0042 U	0.0044 U	0.0085 U
Acrylonitrile	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Benzene	0.06	0.06	4.8	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromobenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromochloromethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromodichloromethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromoform	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromomethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Carbon Disulfide	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 J	0.0021 U	0.0022 U	0.0043 U
Carbon Tetrachloride	0.76	0.76	2.4	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Chlorobenzene	1.1	1.1	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Chloroethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Chloroform	0.37	0.37	49	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Chloromethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Cis-1,2-Dichloroethene	0.25	0.25	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Cis-1,3-Dichloropropene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Cyclohexane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Dibromochloromethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Dibromomethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Dichlorodifluoromethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Ethylbenzene	1	1	41	0.0022 U	0.0032 J	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Hexachlorobutadiene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Isopropylbenzene (Cumene)	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
M,P-Xylene	~	~	~	0.0043 U	0.0054 J	0.0058 U	0.0042 U	0.0042 U	0.0044 U	0.0085 U
Methyl Acetate	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Methyl Ethyl Ketone (2-Butanone)	0.12	0.12	100	0.0027 J	0.0046	0.0089	0.0031 J	0.0074	0.0049	0.017
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Methylcyclohexane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Methylene Chloride	0.05	0.05	100	0.0043 U	0.0043 U	0.0058 U	0.0042 U	0.0042 U	0.0044 U	0.0085 U
n-Butylbenzene	12	12	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
n-Propylbenzene	3.9	3.9	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
o-Xylene (1,2-Dimethylbenzene)	~	~	~	0.0022 U	0.0033 J	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
p-Cymene (p-Isopropyltoluene)	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Sec-Butylbenzene	11	11	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Styrene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
T-Butylbenzene	5.9	5.9	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Tert-Butyl Alcohol	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Tert-Butyl Methyl Ether	0.93	0.93	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Tetrachloroethene (PCE)	1.3	1.3	19	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Toluene	0.7	0.7	100	0.0022 U	0.0023 J	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Total Xylenes	0.26	1.6	100	0.0065 U	0.0088 J	0.0087 U	0.0063 U	0.0063 U	0.0066 U	0.013 U
Trans-1,2-Dichloroethene	0.19	0.19	100	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Trans-1,3-Dichloropropene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Trichloroethene (TCE)	0.47	0.47	21	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Trichlorofluoromethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Vinyl Acetate	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Vinyl Chloride	0.02	0.02	0.9	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U

Notes provided on Page 4.
Concentrations above Unrestricted Use SCOs are bolded.
Concentrations above Lower of RUR and PGW SCOs are underlined.
Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 1
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - NY

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location	NYSDEC Part 375	Lower of NYSDEC Part	NYSDEC Part 375	WC-1A	WC-1B	WC-1B	WC-2	WC-3	WC-4	WC-5
Sample ID	Unrestricted Use	375 Restricted Use	Restricted Use	WC-1A_021121	WC-1B_021121	DUP01_021121	WC-2_021121	WC-3_021021 / WC-3_021121	WC-4_021121	WC-5_021121
Laboratory ID	21B0416-01	21B0416-02	21B0416-03	21B0416-01	21B0416-02	21B0416-07	21B0416-03	21B0345-02 / 21B0416-04	21B0416-05	21B0416-06
Sample Date	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/10/2021 / 2/11/2021	2/11/2021	2/11/2021
Sample Depth (VOC Sample Depth) (feet bgs)	0-9 (0-0.5)	9-18 (14-14.5)	9-18 (14-14.5)	10.5-18 (10.5-11)	10.5-18 (12.5-13)	15-21.5 (19.5-20)	18-27.5 (24-24.5)			
Semivolatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
1,2,4-Trichlorobenzene	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
1,2-Dichlorobenzene	1.1	1.1	100	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
1,2-Diphenylhydrazine	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
1,3-Dichlorobenzene	2.4	2.4	49	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
1,4-Dichlorobenzene	1.8	1.8	13	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,3,4,6-Tetrachlorophenol	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
2,4,5-Trichlorophenol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,4,6-Trichlorophenol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,4-Dichlorophenol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,4-Dimethylphenol	~	~	~	0.113 D	0.268 D	0.115 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,4-Dinitrophenol	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
2,4-Dinitrotoluene	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,6-Dinitrotoluene	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2-Chloronaphthalene	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2-Chlorophenol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2-Methylnaphthalene	~	~	~	2.93 D	9.68 D	4.16 D	0.0734 JD	0.0503 U	0.0495 U	0.0507 U
2-Methylphenol (o-Cresol)	0.33	0.33	100	0.0642 JD	0.187 D	0.0799 JD	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2-Nitroaniline	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
2-Nitrophenol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
3 & 4 Methylphenol (m&p Cresol)	0.33	0.33	100	0.142 D	0.396 D	0.175 D	0.0529 U	0.0674 JD	0.0495 U	0.0507 U
3,3'-Dichlorobenzidine	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
3-Nitroaniline	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
4,6-Dinitro-2-Methylphenol	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
4-Bromophenyl Phenyl Ether	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
4-Chloro-3-Methylphenol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
4-Chloroaniline	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
4-Chlorophenyl Phenyl Ether	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
4-Nitroaniline	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
4-Nitrophenol	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
Acenaphthene	20	98	100	3.1 D	10.7 D	4.51 D	0.0751 JD	0.0503 U	0.0495 U	0.0507 U
Acenaphthylene	100	100	100	0.683 D	1.17 D	0.64 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Acetophenone	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Aniline (Phenylamine, Aminobenzene)	~	~	~	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U
Anthracene	100	100	100	5.82 D	14.1 D	6.05 D	0.116 D	0.0503 U	0.0495 U	0.0507 U
Atrazine	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Benzaldehyde	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Benzidine	~	~	~	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U
Benzo(a)anthracene	1	1	1	10.6 D	25.9 D	10.8 D	0.219 D	0.0503 U	0.0495 U	0.0507 U
Benzo(a)pyrene	1	1	1	8.44 D	22.5 D	9.45 D	0.214 D	0.0503 U	0.0495 U	0.0582 JD
Benzo(b)fluoranthene	1	1	1	7.66 D	21.4 D	8.95 D	0.187 D	0.0503 U	0.0495 U	0.0507 U
Benzo(g,h,i)Perylene	100	100	100	4.81 D	13.7 D	5.83 D	0.154 D	0.0503 U	0.0495 U	0.0507 U
Benzo(k)fluoranthene	0.8	1	3.9	6.6 D	16.9 D	7.34 D	0.161 D	0.0503 U	0.0495 U	0.0507 U
Benzoic Acid	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Benzyl Alcohol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Benzyl Butyl Phthalate	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.595 D	0.0495 U	0.0507 U
Biphenyl (Diphenyl)	~	~	~	0.559 D	1.4 D	0.634 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Bis(2-chloroethoxy) methane	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Bis(2-chloroisopropyl) ether	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Bis(2-ethylhexyl) phthalate	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Caprolactam	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
Carbazole	~	~	~	2.23 D	8.81 D	2.74 D	0.0667 JD	0.0503 U	0.0495 U	0.0507 U
Chrysene	1	1	3.9	10.1 D	23.6 D	10.3 D	0.206 D	0.0503 U	0.0495 U	0.0507 U
Dibenz(a,h)anthracene	0.33	0.33	0.33	1.78 D	5.54 D	2.35 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Dibenzofuran	7	14	59	2.3 D	7.97 D	2.62 D	0.0574 JD	0.0503 U	0.0495 U	0.0507 U
Dibutyl phthalate	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Diethyl phthalate	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Dimethyl phthalate	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Diethyl phthalate	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Fluoranthene	100	100	100	24.2 D	59.4 D	23.7 D	0.52 D	0.0503 U	0.106 D	0.0507 U
Fluorene	30	100	100	4.89 D	12.6 D	5.09 D	0.0928 JD	0.0503 U	0.0495 U	0.0507 U
Hexachlorobenzene	0.33	0.33	1.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Hexachlorobutadiene	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Hexachlorocyclopentadiene	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Hexachloroethane	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.5	4.43 D	12.6 D	5.48 D	0.128 D	0.0503 U	0.0495 U	0.0507 U
Isophorone	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Naphthalene	12	12	100	5.59 D	16.9 D	7.43 D	0.137 D	0.0503 U	0.0495 U	0.0507 U
Nitrobenzene	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
n-Nitrosodimethylamine	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
n-Nitrosodi-N-Propylamine	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
n-Nitrosodiphenylamine	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Pentachlorophenol	0.8	0.8	6.7	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Phenanthrene	100	100	100	26.1 D	58.3 D	24.4 D	0.526 D	0.0503 U	0.118 D	0.0507 U
Phenol	0.33	0.33	100	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Pyrene	100	100	100	20.7 D	46.7 D	20.6 D	0.409 D	0.0503 U	0.11 D	0.0507 U
Pyridine	~	~	~	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U

Notes provided on Page 4.
Concentrations above Unrestricted Use SCO are bolded.
Concentrations above Lower of RUR and PGW SCO are underlined.
Concentrations above Restricted Use Restricted-Residential SCO are shaded.

Table 1
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - NY

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location	NYSDEC Part 375	Lower of NYSDEC Part	NYSDEC Part 375	WC-1A	WC-1B	WC-1B	WC-2	WC-3	WC-4	WC-5					
Sample ID	Unrestricted Use	375 Restricted Use	Restricted Use	WC-1A_021121	WC-1B_021121	DUP01_021121	WC-2_021121	WC-3_021021 / WC-3_021121	WC-4_021121	WC-5_021121					
Laboratory ID	SCOs	Residential and Protection	Restricted-Residential SCOs	21B0416-01	21B0416-02	21B0416-07	21B0416-03	21B0345-02 / 21B0416-04	21B0416-05	21B0416-06					
Sample Date		of Groundwater SCOs	Residential SCOs	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/10/2021 / 2/11/2021	2/11/2021	2/11/2021					
Sample Depth (VOC Sample Depth) (feet bgs)				0-9 (0-0.5)	9-18 (14-14.5)	9-18 (14-14.5)	10.5-18 (10.5-11)	10.5-18 (12.5-13)	15-21.5 (19.5-20)	18-27.5 (24-24.5)					
Petroleum Hydrocarbons (mg/kg)															
EPA Total Extractable Petroleum Hydrocarbons Range 9 To 40	~	~	~	103	278	876	D	62.3	U	77.9					
Pesticides (mg/kg)															
4,4'-DDD	0.0033	2.6	13	0.00194	U	0.00193	U	0.00198	U	0.00197	U	0.00193	U	0.00198	U
4,4'-DDE	0.0033	1.8	8.9	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
4,4'-DDT	0.0033	1.7	7.9	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Aldrin	0.005	0.019	0.097	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Alpha BHC (Alpha Hexachlorocyclohexane)	0.02	0.02	0.48	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Alpha Chlordane	0.094	0.91	4.2	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Alpha Endosulfan	2.4	4.8	24	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.072	0.36	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Beta Endosulfan	2.4	4.8	24	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Chlordane (alpha and gamma)	~	~	~	0.0387	U	0.0387	U	0.0395	U	0.0414	U	0.0393	U	0.0387	U
Delta Bhc (Delta Hexachlorocyclohexane)	0.04	0.25	100	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Dieldrin	0.005	0.039	0.2	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Endosulfan Sulfate	2.4	4.8	24	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Endrin	0.014	0.06	11	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Endrin Aldehyde	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Endrin Ketone	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Gamma Bhc (Lindane)	0.1	0.1	1.3	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Gamma-Chlordane	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Heptachlor	0.042	0.38	2.1	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Heptachlor Epoxide	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Methoxychlor	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U
Toxaphene	~	~	~	0.194	U	0.193	U	0.198	U	0.207	U	0.197	U	0.193	U
Herbicides (mg/kg)															
2,4,5-T (Trichlorophenoxyacetic Acid)	~	~	~	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U
2,4-D (Dichlorophenoxyacetic Acid)	~	~	~	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U
Silvex (2,4,5-Tp)	3.8	3.8	100	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U
Polychlorinated Biphenyls (mg/kg)															
PCB-1016 (Aroclor 1016)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U
PCB-1221 (Aroclor 1221)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U
PCB-1232 (Aroclor 1232)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U
PCB-1242 (Aroclor 1242)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U
PCB-1248 (Aroclor 1248)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U
PCB-1254 (Aroclor 1254)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U
PCB-1260 (Aroclor 1260)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U
Total PCBs	0.1	1	1	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U
Inorganics (mg/kg)															
Aluminum	~	~	~	9,800		9,450		6,560		14,900		11,100		9,180	
Antimony	~	~	~	2.96	U	2.98	U	3.03	U	3.18	U	3.03	U	3.01	U
Arsenic	13	16	16	2.28		3.05		1.82	U	1.91	U	2.04		1.81	U
Barium	350	350	400	89.7		78.6		283		116		71.4		66	
Beryllium	7.2	14	72	0.059	U	0.06	U	0.061	U	0.064	U	0.061	U	0.06	U
Cadmium	2.5	2.5	4.3	0.356	U	0.357	U	20.9		0.381	U	0.363	U	0.361	U
Calcium	~	~	~	3,770	B	2,090	B	7,380	B	7,470	B	1,840	B	13,200	B
Chromium, Hexavalent	1	19	110	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U
Chromium, Total	~	~	~	21.3		13.5		14.6		21.5		16.6		14.2	
Chromium, Trivalent	30	36	180	21.3		13.5		14.6		21.5		16.6		14.2	
Cobalt	~	~	~	7.51		5.99		6.45		11.3		7.34		6.63	
Copper	50	270	270	28.3		25.4		40.2		27.8		14.7		15.2	
Cyanide	27	27	27	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U
Iron	~	~	~	15,300		16,100		154,000	D	23,900		16,700		15,900	
Lead	63	400	400	128		9,340		488		81.6		31.8		36.6	
Magnesium	~	~	~	3,070		2,370		2,300		4,580		3,170		2,860	
Manganese	1,600	2,000	2,000	215		185		303		522		248		264	
Mercury	0.18	0.73	0.81	0.717		0.251		0.505		0.214		0.124		0.15	
Nickel	30	130	310	18.2		14.2		19.5		22.9		17		14.3	
Potassium	~	~	~	1,740	B	910	B	985	B	2,780	B	1,380	B	1,190	B
Selenium	3.9	4	180	2.96	U	2.98	U	3.03	U	3.18	U	3.03	U	3.01	U
Silver	2	8.3	180	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U
Sodium	~	~	~	292		163		188		637		504		641	
Thallium	~	~	~	2.96	U	2.98	U	7.45	U	3.18	U	3.03	U	3.01	U
Vanadium	~	~	~	20.1		21.7		20.8		30.9		22.4		20	
Zinc	109	2,200	10,000	80.1	B	44.4	B	9,690	BD	75.4	B	44.8	B	61	B

Notes provided on Page 4.

Concentrations above Unrestricted Use SCOs are bolded.

Concentrations above Lower of RUR and PGW SCOs are underlined.

Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 1
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - NY

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Notes:

1. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (SCO), to the lower of Restricted Use Residential and Protection of Groundwater SCOs, and to Restricted Use Restricted-Residential SCOs.
2. Detected analytical results above Unrestricted Use SCOs are bolded.
3. Detected analytical results above the Lower of Restricted Use Residential and Protection of Groundwater SCOs are underlined.
4. Detected analytical results above Restricted Use Restricted-Residential SCOs are shaded.
5. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
6. Sample DUP01_021121 is a duplicate sample of WC-1B_021121.
7. ~ = Regulatory limit for this analyte does not exist
8. bgs = below grade surface
9. mg/kg = milligrams per kilogram
10. NA = Not analyzed

Qualifiers:

- D = The concentration reported is a result of a diluted sample.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

Table 2
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - NJ

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location Sample ID Laboratory ID Sample Date Sample Depth (VOC Sample Depth) (feet bgs)	NJDEP Residential Direct Contact Standard	NJDEP Non- Residential Direct Contact Standard	NJDEP Impact to Ground Water Soil Remediation Standards	WC-1A WC-1A_021121 21B0416-01 2/11/2021 0-9 (0-0.5)	WC-1B WC-1B_021121 21B0416-02 2/11/2021 9-18 (14-14.5)	WC-1B DUP01_021121 21B0416-07 2/11/2021 9-18 (14-14.5)	WC-2 WC-2_021121 21B0416-03 2/11/2021 10.5-18 (10.5-11)	WC-3 WC-3_021021 / WC-3_021121 21B0345-02 / 21B0416-04 2/10/2021 / 2/11/2021 10.5-18 (12.5-13)	WC-4 WC-4_021121 21B0416-05 2/11/2021 15-21.5 (19.5-20)	WC-5 WC-5_021121 21B0416-06 2/11/2021 18-27.5 (24-24.5)
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1,1-Trichloroethane	160000	~	0.3	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1,2,2-Tetrachloroethane	1	3	0.007	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1,2-Trichloroethane	2	6	0.02	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1-Dichloroethane	8	24	0.2	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1-Dichloroethene	11	150	0.008	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,1-Dichloropropene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2,3-Trichlorobenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2,3-Trichloropropane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2,4-Trichlorobenzene	73	820	0.7	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2,4-Trimethylbenzene	~	~	~	0.0022 U	0.0057	0.0039 J	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2-Dibromo-3-Chloropropane	0.08	0.2	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2-Dibromoethane (Ethylene Dibromide)	0.008	0.04	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2-Dichlorobenzene	53000	59000	17	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,2-Dichloroethane	0.9	3	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0053 J
1,2-Dichloropropane	2	5	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,3,5-Trimethylbenzene (Mesitylene)	~	~	~	0.0022 U	0.0025 J	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,3-Dichlorobenzene	53000	59000	19	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,3-Dichloropropane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,4-Dichlorobenzene	5	13	2	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
1,4-Dioxane (P-Dioxane)	~	~	~	0.043 U	0.043 U	0.058 U	0.042 U	0.042 U	0.044 U	0.085 U
2,2-Dichloropropane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
2-Chlorotoluene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
2-Hexanone	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
4-Chlorotoluene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Acetone	70000	~	19	0.0043 U	0.016	0.035	0.027	0.035	0.018	0.06
Acrolein	0.5	1	0.5	0.0043 U	0.0043 U	0.0058 U	0.0042 U	0.0042 U	0.0044 U	0.0085 U
Acrylonitrile	0.9	3	0.5	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Benzene	2	5	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromobenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromochloromethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromodichloromethane	1	3	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromoform	81	280	0.03	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Bromomethane	25	59	0.04	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Carbon Disulfide	7800	110000	6	0.0022 U	0.0021 U	0.0029 U	0.0021 J	0.0021 U	0.0022 U	0.0043 U
Carbon Tetrachloride	2	4	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Chlorobenzene	510	7400	0.6	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Chloroethane	220	1100	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Chloroform	0.6	2	0.4	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Chloromethane	4	12	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Cis-1,2-Dichloroethene	230	560	0.3	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Cis-1,3-Dichloropropene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Cyclohexane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Dibromochloromethane	3	8	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Dibromomethane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Dichlorodifluoromethane	490	230000	39	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Ethylbenzene	7800	110000	13	0.0022 U	0.0032 J	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Hexachlorobutadiene	6	25	0.9	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Isopropylbenzene (Cumene)	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
M,P-Xylene	~	~	~	0.0043 U	0.0054 J	0.0058 U	0.0042 U	0.0042 U	0.0044 U	0.0085 U
Methyl Acetate	78000	~	22	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Methyl Ethyl Ketone (2-Butanone)	3100	44000	0.9	0.0027 J	0.0046	0.0089	0.0031 J	0.0074	0.0049	0.017
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Methylcyclohexane	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Methylene Chloride	46	230	0.01	0.0043 U	0.0043 U	0.0058 U	0.0042 U	0.0042 U	0.0044 U	0.0085 U
n-Butylbenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
n-Propylbenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
o-Xylene (1,2-Dimethylbenzene)	~	~	~	0.0022 U	0.0033 J	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
p-Cymene (p-Isopropyltoluene)	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Sec-Butylbenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Styrene	90	260	3	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
T-Butylbenzene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Tert-Butyl Alcohol	1400	11000	0.3	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Tert-Butyl Methyl Ether	110	320	0.2	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Tetrachloroethene (PCE)	43	1500	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Toluene	6300	91000	7	0.0022 U	0.0023 J	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Total Xylenes	12000	170000	19	0.0065 U	0.0088 J	0.0087 U	0.0063 U	0.0063 U	0.0066 U	0.013 U
Trans-1,2-Dichloroethene	300	720	0.6	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Trans-1,3-Dichloropropene	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Trichloroethene (TCE)	3	10	0.01	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Trichlorofluoromethane	23000	340000	34	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Vinyl Acetate	~	~	~	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U
Vinyl Chloride	0.7	2	0.005	0.0022 U	0.0021 U	0.0029 U	0.0021 U	0.0021 U	0.0022 U	0.0043 U

Notes provided on Page 4.
Residential Direct Contact Standard exceedances are bolded.
Non-Residential Direct Contact Standard exceedances are shaded.
Impact to Groundwater Standard exceedances are underlined.

Table 2
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - NJ

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location Sample ID Laboratory ID Sample Date Sample Depth (VOC Sample Depth) (feet bgs)	NJDEP Residential Direct Contact Standard	NJDEP Non- Residential Direct Contact Standard	NJDEP Impact to Ground Water Soil Remediation Standards	WC-1A WC-1A_021121 21B0416-01 2/11/2021 0-9 (0-0.5)	WC-1B WC-1B_021121 21B0416-02 2/11/2021 9-18 (14-14.5)	WC-1B DUP01_021121 21B0416-07 2/11/2021 9-18 (14-14.5)	WC-2 WC-2_021121 21B0416-03 2/11/2021 10.5-18 (10.5-11)	WC-3 WC-3_021021 / WC-3_021121 21B0345-02 / 21B0416-04 2/10/2021 / 2/11/2021 10.5-18 (12.5-13)	WC-4 WC-4_021121 21B0416-05 2/11/2021 15-21.5 (19.5-20)	WC-5 WC-5_021121 21B0416-06 2/11/2021 18-27.5 (24-24.5)
Semivolatile Organic Compounds (mg/kg)										
1,2,4,5-Tetrachlorobenzene	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
1,2,4-Trichlorobenzene	73	820	0.7	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
1,2-Dichlorobenzene	5300	59000	17	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
1,2-Diphenylhydrazine	0.7	2	0.7	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
1,3-Dichlorobenzene	5300	59000	19	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
1,4-Dichlorobenzene	5	13	2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,3,4,6-Tetrachlorophenol	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
2,4,5-Trichlorophenol	6100	68000	68	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,4,6-Trichlorophenol	19	74	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,4-Dichlorophenol	180	2100	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,4-Dimethylphenol	1200	14000	1	0.113 D	0.268 D	0.115 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,4-Dinitrophenol	120	1400	0.3	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
2,4-Dinitrotoluene	0.7	3	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2,6-Dinitrotoluene	0.7	3	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2-Chloronaphthalene	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2-Chlorophenol	310	2200	0.8	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2-Methylnaphthalene	230	2400	8	2.93 D	9.68 D	4.16 D	0.0734 JD	0.0503 U	0.0495 U	0.0507 U
2-Methylphenol (o-Cresol)	310	3400	~	0.0642 JD	0.187 D	0.0799 JD	0.0529 U	0.0503 U	0.0495 U	0.0507 U
2-Nitroaniline	39	23000	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
2-Nitrophenol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
3 & 4 Methylphenol (m&p Cresol)	~	~	~	0.142 D	0.396 D	0.175 D	0.0529 U	0.0674 JD	0.0495 U	0.0507 U
3,3'-Dichlorobenzidine	1	4	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
3-Nitroaniline	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
4,6-Dinitro-2-Methylphenol	6	68	0.3	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
4-Bromophenyl Phenyl Ether	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
4-Chloro-3-Methylphenol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
4-Chloroaniline	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
4-Chlorophenyl Phenyl Ether	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
4-Nitroaniline	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
4-Nitrophenol	~	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
Acenaphthene	3400	37000	110	3.1 D	10.7 D	4.51 D	0.0751 JD	0.0503 U	0.0495 U	0.0507 U
Acenaphthylene	~	300000	~	0.683 D	1.17 D	0.64 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Acetophenone	2	5	3	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Aniline (Phenylamine, Aminobenzene)	~	~	~	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U
Anthracene	17000	30000	2400	5.82 D	14.1 D	6.05 D	0.116 D	0.0503 U	0.0495 U	0.0507 U
Atrazine	210	2400	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Benzaldehyde	6100	68000	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Benzidine	0.7	0.7	0.7	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U
Benzo(a)anthracene	5	17	0.8	10.6 D	25.9 D	10.8 D	0.219 D	0.0503 U	0.0495 U	0.0507 U
Benzo(a)pyrene	0.5	2	0.2	8.44 D	22.5 D	9.45 D	0.214 D	0.0503 U	0.0495 U	0.0582 JD
Benzo(b)fluoranthene	5	17	2	7.66 D	21.4 D	8.95 D	0.187 D	0.0503 U	0.0495 U	0.0507 U
Benzo(g,h,i)Perylene	380000	30000	~	4.81 D	13.7 D	5.83 D	0.154 D	0.0503 U	0.0495 U	0.0507 U
Benzo(k)fluoranthene	45	170	25	6.6 D	16.9 D	7.34 D	0.161 D	0.0503 U	0.0495 U	0.0507 U
Benzoic Acid	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Benzyl Alcohol	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Benzyl Butyl Phthalate	1200	14000	230	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.596 D	0.0495 U	0.0507 U
Biphenyl (Diphenyl)	61	240	140	0.559 D	1.4 D	0.534 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Bis(2-chloroethoxy) methane	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	0.4	2	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Bis(2-chloroisopropyl) ether	23	67	5	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Bis(2-ethylhexyl) phthalate	35	140	1200	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Caprolactam	31000	340000	12	0.0979 U	0.098 U	0.099 U	0.106 U	0.1 U	0.0987 U	0.101 U
Carbazole	24	96	~	2.23 D	8.81 D	2.74 D	0.0667 JD	0.0503 U	0.0495 U	0.0507 U
Chrysene	450	1700	80	10.1 D	23.6 D	10.3 D	0.206 D	0.0503 U	0.0495 U	0.0507 U
Dibenz(a,h)anthracene	0.5	2	0.8	1.78 D	5.54 D	2.35 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Dibenzofuran	~	~	~	2.3 D	7.97 D	2.62 D	0.0574 JD	0.0503 U	0.0495 U	0.0507 U
Dibutyl phthalate	6100	68000	760	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Diethyl phthalate	49000	550000	88	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Dimethyl phthalate	~	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Dioctyl phthalate	2400	27000	3300	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Fluoranthene	2300	24000	1300	24.2 D	59.4 D	23.7 D	0.52 D	0.0503 U	0.106 D	0.0507 U
Fluorene	2300	24000	170	4.89 D	12.6 D	5.09 D	0.0928 JD	0.0503 U	0.0495 U	0.0507 U
Hexachlorobenzene	0.3	1	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Hexachlorobutadiene	6	25	0.9	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Hexachlorocyclopentadiene	45	110	320	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Hexachloroethane	12	48	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Indeno(1,2,3-cd)pyrene	5	17	7	4.43 D	12.6 D	5.48 D	0.128 D	0.0503 U	0.0495 U	0.0507 U
Isophorone	510	2000	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Naphthalene	6	17	25	5.59 D	16.9 D	7.43 D	0.137 D	0.0503 U	0.0495 U	0.0507 U
Nitrobenzene	5	14	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
n-Nitrosodimethylamine	0.7	0.7	0.7	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
n-Nitrosodi-N-Propylamine	0.2	0.3	0.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
n-Nitrosodiphenylamine	99	390	0.4	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Pentachlorophenol	0.9	3	0.3	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Phenanthrene	~	300000	~	26.1 D	58.3 D	24.4 D	0.526 D	0.0503 U	0.118 D	0.0507 U
Phenol	18000	210000	8	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U
Pyrene	1700	18000	840	20.7 D	46.7 D	20.6 D	0.409 D	0.0503 U	0.11 D	0.0507 U
Pyridine	~	~	~	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U

Notes provided on Page 4.

Residential Direct Contact Standard exceedances are bolded.

Non-Residential Direct Contact Standard exceedances are shaded.

Impact to Groundwater Standard exceedances are underlined.

Table 2
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - NJ

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location	NJDEP Residential	NJDEP Non-	NJDEP Impact to	WC-1A	WC-1B	WC-1B	WC-2	WC-3	WC-4	WC-5							
Sample ID	Residential	Residential	Ground Water Soil	WC-1A	WC-1B	WC-1B	WC-2	WC-3	WC-4	WC-5							
Laboratory ID	Direct Contact	Direct	Remediation	21B0416-01	21B0416-02	21B0416-07	21B0416-03	21B0345-02 / 21B0416-04	21B0416-05	21B0416-06							
Sample Date	Standard	Contact Standard	Standards	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/10/2021 / 2/11/2021	2/11/2021	2/11/2021							
Sample Depth (VOC Sample Depth) (feet bgs)				0-9 (0-0.5)	9-18 (14-14.5)	9-18 (14-14.5)	10.5-18 (10.5-11)	10.5-18 (12.5-13)	15-21.5 (19.5-20)	18-27.5 (24-24.5)							
Petroleum Hydrocarbons (mg/kg)																	
EPA Total Extractable Petroleum Hydrocarbons Range 9 To 40 (Cat. 2)	1,700	1,700	~	103	278	876	D	62.3	U	77.9	133	60.7	U				
Pesticides (mg/kg)																	
4,4'-DDD	3	13	4	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
4,4'-DDE	2	9	18	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
4,4'-DDT	2	8	11	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Aldrin	0.04	0.2	0.2	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Alpha BHC (Alpha Hexachlorocyclohexane)	0.1	0.5	0.002	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Alpha Chlordane	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Alpha Endosulfan	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Beta Bhc (Beta Hexachlorocyclohexane)	0.4	2	0.002	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Beta Endosulfan	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Chlordane (alpha and gamma)	0.2	1	0.05	0.0387	U	0.0387	U	0.0395	U	0.0414	U	0.0393	U	0.0396	U		
Delta Bhc (Delta Hexachlorocyclohexane)	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Dieldrin	0.04	0.2	0.003	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Endosulfan Sulfate	470	6800	2	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Endrin	23	340	1	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Endrin Aldehyde	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Endrin Ketone	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Gamma Bhc (Lindane)	0.4	2	0.002	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Gamma-Chlordane	~	~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Heptachlor	0.1	0.7	0.5	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Heptachlor Epoxide	0.07	0.3	0.01	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Methoxychlor	390	5700	160	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00198	U		
Toxaphene	0.6	3	0.3	0.194	U	0.193	U	0.198	U	0.207	U	0.197	U	0.198	U		
Herbicides (mg/kg)																	
2,4,5-T (Trichlorophenoxyacetic Acid)	~	~	~	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U	0.0202	U
2,4-D (Dichlorophenoxyacetic Acid)	~	~	~	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U	0.0202	U
Silvex (2,4,5-Tp)	~	~	~	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U	0.0202	U
Polychlorinated Biphenyls (mg/kg)																	
PCB-1016 (Aroclor 1016)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1221 (Aroclor 1221)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1232 (Aroclor 1232)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1242 (Aroclor 1242)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1248 (Aroclor 1248)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1254 (Aroclor 1254)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1260 (Aroclor 1260)	~	~	~	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
Total PCBs	0.2	1	0.2	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
Inorganics (mg/kg)																	
Aluminum	78000	~	6000	9,800		9,450		6,560		14,900		11,100		9,180		9,030	
Antimony	31	450	6	2.96	U	2.98	U	3.03	U	3.18	U	3.03	U	3.01	U	3.06	U
Arsenic	19	19	19	2.28		3.05		1.82	U	1.91	U	2.04		1.81	U	1.84	U
Barium	16000	59000	2100	89.7		78.6		283		116		71.4		66		57.2	
Beryllium	16	140	0.7	0.069	U	0.06	U	0.061	U	0.064	U	0.061	U	0.06	U	0.061	U
Cadmium	78	78	2	0.366	U	0.357	U	20.9		0.381	U	0.363	U	0.361	U	0.368	U
Calcium	~	~	~	3,770	B	2,090	B	7,380	B	7,470	B	1,840	B	13,200	B	1,710	B
Chromium, Hexavalent	240	20	~	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U	0.613	U
Chromium, Trivalent	120000	~	~	21.3		13.5		14.6		21.5		16.6		14.2		13.1	
Cobalt	1600	590	90	7.51		5.99		6.45		11.3		7.34		6.63		7.86	
Copper	3100	45000	11000	28.3		25.4		40.2		27.8		14.7		15.2		16.5	
Cyanide	47	680	20	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U	0.613	U
Iron	~	~	~	15,300		16,100		154,000	D	23,900		16,700		15,900		14,200	
Lead	400	800	90	128		9,340		488		81.6		31.8		36.6		23.8	
Magnesium	~	~	~	3,070		2,370		2,300		4,580		3,170		2,860		3,230	
Manganese	11000	5900	65	215		185		303		522		248		264		172	
Mercury	23	65	0.1	0.717		0.251		0.505		0.214		0.124		0.15		0.0478	
Nickel	1600	23000	48	18.2		14.2		19.5		22.9		17		14.3		15	
Potassium	~	~	~	1,740	B	910	B	985	B	2,780	B	1,380	B	1,190	B	2,070	B
Selenium	390	5700	11	2.96	U	2.98	U	3.03	U	3.18	U	3.03	U	3.01	U	3.06	U
Silver	390	5700	1	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U	0.613	U
Sodium	~	~	~	292		163		188		637		504		641		567	
Thallium	~	~	3	2.96	U	2.98	U	7.45		3.18	U	3.03	U	3.01	U	3.06	U
Vanadium	78	1100	~	20.1		21.7		20.8		30.9		22.4		20		18.8	
Zinc	23000	110000	930	80.1	B	44.4	B	9,690	BD	75.4	B	44.8	B	61	B	37.7	B

Notes provided on Page 4.
Residential Direct Contact Standard exceedances are bolded.
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Impact to Groundwater Standard exceedances are underlined.

Table 2
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - NJ

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Notes:

1. Soil sample analytical results are compared to the NJDEP - New Jersey Department of Environmental Protection Remediation Standards and Screening Levels, with the exception of EPH results which are compared to NJDEP Evaluation of Extractable Petroleum Hydrocarbons in Soil Technical Guidance Thresholds, dated June 2019.
2. Detected analytical results above NJDEP Residential Direct Contact Standard are bolded.
3. Detected analytical results above NJDEP Non-Residential Direct Contact Standard are shaded.
4. Detected analytical results above NJDEP Impact to Ground Water Soil Remediation Standards are underlined.
5. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
6. Sample DUP01_021121 is a duplicate sample of WC-1B_021121.
7. ~ = Regulatory limit for this analyte does not exist
8. bgs = below grade surface
9. mg/kg = milligrams per kilogram
10. NA = Not analyzed

Qualifiers:

- D = The concentration reported is a result of a diluted sample.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

**550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402**

Location	PADEP Clean	PADEP Regulated	WC-1A	WC-1B	WC-1B	WC-2	WC-3	WC-4	WC-5	
Sample ID	Fill	Fill	WC-1A. 021121	WC-1B. 021121	DUP01. 021121	WC-2. 021121	WC-3. 021021 / WC-3. 021121	WC-4. 021121	WC-5. 021121	
Laboratory ID			21B0416-01	21B0416-02	21B0416-07	21B0416-03	21B0345-02 / 21B0416-04	21B0416-05	21B0416-06	
Sample Date			2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/10/2021 / 2/11/2021	2/11/2021	2/11/2021	
Sample Depth (VOC Sample Depth) (feet bgs)			0-9 (0-0.5)	9-18 (14-14.5)	9-18 (14-14.5)	10.5-18 (10.5-11)	10.5-18 (12.5-13)	15-21.5 (19.5-20)	18-27.5 (24-24.5)	
Volatile Organic Compounds (mg/kg)										
1,1,1,2-Tetrachloroethane	18	18	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,1,1-Trichloroethane	7.2	7.2	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,1,2,2-Tetrachloroethane	0.026	0.13	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10000	10000	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,1,2-Trichloroethane	0.15	0.15	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,1-Dichloroethane	0.75	3.9	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,1-Dichloroethene	0.19	0.19	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,1-Dichloropropene	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,2,3-Trichlorobenzene	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,2,3-Trichloropropane	0.14	3	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,2,4-Trichlorobenzene	27	27	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,2,4-Trimethylbenzene	8.4	35	0.0022	U	0.0057	J	0.0029	U	0.0043	U
1,2-Dibromo-3-Chloropropane	0.0092	0.0092	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,2-Dibromoethane (Ethylene Dibromide)	0.0012	0.0012	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,2-Dichlorobenzene	59	59	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,2-Dichloroethane	0.1	0.1	0.0022	U	0.0021	U	0.0029	U	0.0053	J
1,2-Dichloropropane	0.11	0.11	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,3,5-Trimethylbenzene (Mesitylene)	74	210	0.0022	U	0.0025	J	0.0029	U	0.0043	U
1,3-Dichlorobenzene	61	61	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,3-Dichloropropane	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,4-Dichlorobenzene	10	10	0.0022	U	0.0021	U	0.0029	U	0.0043	U
1,4-Dioxane (P-Dioxane)	0.084	0.42	0.043	U	0.043	U	0.058	U	0.085	U
2,2-Dichloropropane	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
2-Chlorotoluene	20	20	0.0022	U	0.0021	U	0.0029	U	0.0043	U
2-Hexanone	1.6	6.4	0.0022	U	0.0021	U	0.0029	U	0.0043	U
4-Chlorotoluene	10	10	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Acetone	430	1200	0.0043	U	0.016	U	0.035	U	0.035	U
Acrolein	0.00047	0.002	0.0043	U	0.0043	U	0.0058	U	0.0044	U
Acrylonitrile	0.01	0.051	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Benzene	0.13	0.13	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Bromobenzene	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Bromochloromethane	1.6	1.6	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Bromodichloromethane	2.7	2.7	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Bromoform	3.5	3.5	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Bromomethane	0.54	0.54	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Carbon Disulfide	130	530	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Carbon Tetrachloride	0.26	0.26	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Chlorobenzene	6.1	6.1	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Chloroethane	5.4	26	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Chloroform	2	2	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Chloromethane	0.38	0.38	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Cis-1,2-Dichloroethene	1.6	1.6	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Cis-1,3-Dichloropropene	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Cyclohexane	1700	6900	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Dibromochloromethane	2.5	2.5	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Dibromomethane	0.32	1.4	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Dichlorodifluoromethane	100	100	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Ethylbenzene	46	46	0.0022	U	0.0032	J	0.0029	U	0.0043	U
Hexachlorobutadiene	11	52	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Isopropylbenzene (Cumene)	600	2500	0.0022	U	0.0021	U	0.0029	U	0.0043	U
M,P-Xylene	~	~	0.0043	U	0.0054	J	0.0058	U	0.0044	U
Methyl Acetate	780	2200	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Methyl Ethyl Ketone (2-Butanone)	76	76	0.0027	J	0.0046	U	0.0089	J	0.0049	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	51	140	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Methylcyclohexane	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Methylene Chloride	0.076	0.076	0.0043	U	0.0043	U	0.0058	U	0.0044	U
n-Butylbenzene	1300	3700	0.0022	U	0.0021	U	0.0029	U	0.0043	U
n-Propylbenzene	400	1700	0.0022	U	0.0021	U	0.0029	U	0.0043	U
o-Xylene (1,2-Dimethylbenzene)	~	~	0.0022	U	0.0033	J	0.0029	U	0.0043	U
p-Cymene (p-Isopropyltoluene)	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Sec-Butylbenzene	980	2800	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Styrene	24	24	0.0022	U	0.0021	U	0.0029	U	0.0043	U
T-Butylbenzene	760	2200	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Tert-Butyl Alcohol	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Tert-Butyl Methyl Ether	0.28	0.28	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Tetrachloroethene (PCE)	0.43	0.43	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Toluene	44	44	0.0022	U	0.0023	J	0.0029	U	0.0043	U
Total Xylenes	990	990	0.0065	U	0.0088	J	0.0087	U	0.0063	U
Trans-1,2-Dichloroethene	2.3	2.3	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Trans-1,3-Dichloropropene	~	~	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Trichloroethene (TCE)	0.17	0.17	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Trichlorofluoromethane	87	87	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Vinyl Acetate	5	21	0.0022	U	0.0021	U	0.0029	U	0.0043	U
Vinyl Chloride	0.027	0.027	0.0022	U	0.0021	U	0.0029	U	0.0043	U

Concentrations above PADEP Clean Fill criteria are bolded.

Concentrations above PADEP Regulated Fill criteria are shaded.

Table 3
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - PA

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location			WC-1A		WC-1B		WC-1B		WC-2		WC-3		WC-4		WC-5
Sample ID			WC-1A_021121		WC-1B_021121		DUP01_021121		WC-2_021121		WC-3_021021 / WC-3_021121		WC-4_021121		WC-5_021121
Laboratory ID			21B0416-01		21B0416-02		21B0416-07		21B0416-03		21B0345-02 / 21B0416-04		21B0416-05		21B0416-06
Sample Date			2/11/2021		2/11/2021		2/11/2021		2/11/2021		2/10/2021 / 2/11/2021		2/11/2021		2/11/2021
Sample Depth (VOC Sample Depth) (feet bgs)			0-9 (0-0.5)		9-18 (14-14.5)		9-18 (14-14.5)		10.5-18 (10.5-11)		10.5-18 (12.5-13)		15-21.5 (19.5-20)		18-27.5 (24-24.5)
Semivolatile Organic Compounds (mg/kg)															
1,2,4,5-Tetrachlorobenzene	6	16	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
1,2,4-Trichlorobenzene	27	27	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
1,2-Dichlorobenzene	59	59	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
1,2-Diphenylhydrazine	0.16	0.76	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
1,3-Dichlorobenzene	61		0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
1,4-Dichlorobenzene	10	10	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2,3,4,6-Tetrachlorophenol	2000	5500	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
2,4,5-Trichlorophenol	2600	7300	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2,4,6-Trichlorophenol	12	34	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2,4-Dichlorophenol	1	1	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2,4-Dimethylphenol	36	100	0.113 D	0.268 D	0.115 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2,4-Dinitrophenol	0.94	2.6	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
2,4-Dinitrotoluene	0.057	0.26	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2,6-Dinitrotoluene	0.015	0.068	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2-Chloronaphthalene	7000	20000	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2-Chlorophenol	4.4	4.4	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2-Methylnaphthalene	680	1900	2.93 D	9.68 D	4.16 D	0.0734 JD	0.0503 U	0.0495 U	0.0507 U						
2-Methylphenol (o-Cresol)	35	96	0.0642 JD	0.187 D	0.0799 JD	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
2-Nitroaniline	8	21	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
2-Nitrophenol	6.7	19	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
3 & 4 Methylphenol (m&p Cresol)	~	~	0.142 D	0.396 D	0.175 D	0.0529 U	0.0674 JD	0.0495 U	0.0507 U						
3,3'-Dichlorobenzidine	8.8	42	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
3-Nitroaniline	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
4,6-Dinitro-2-Methylphenol	0.25	0.7	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
4-Bromophenyl Phenyl Ether	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
4-Chloro-3-Methylphenol	870	2500	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
4-Chloroaniline	0.47	2.1	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
4-Chlorophenyl Phenyl Ether	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
4-Nitroaniline	0.55	2.5	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
4-Nitrophenol	4.1	4.1	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
Acenaphthene	3100	4700	3.1 D	10.7 D	4.51 D	0.0751 JD	0.0503 U	0.0495 U	0.0507 U						
Acenaphthylene	2800	8000	0.683 D	1.17 D	0.64 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Acetophenone	230	640	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Aniline (Phenylamine, Aminobenzene)	0.12	0.52	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U						
Anthracene	350	350	5.82 D	14.1 D	6.05 D	0.116 D	0.0503 U	0.0495 U	0.0507 U						
Atrazine	0.13	0.13	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Benzaldehyde	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Benzidine	0.018	0.4	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U						
Benzo(a)anthracene	6	130	10.6 D	25.9 D	10.8 D	0.219 D	0.0503 U	0.0495 U	0.0507 U						
Benzo(a)pyrene	0.58	12	8.44 D	22.5 D	9.45 D	0.214 D	0.0503 U	0.0495 U	0.0582 JD						
Benzo(b)fluoranthene	3.5	76	7.66 D	21.4 D	8.95 D	0.187 D	0.0503 U	0.0495 U	0.0507 U						
Benzo(g,h,i)Perylene	180	180	4.81 D	13.7 D	5.83 D	0.154 D	0.0503 U	0.0495 U	0.0507 U						
Benzo(k)fluoranthene	4	76	6.6 D	16.9 D	7.34 D	0.161 D	0.0503 U	0.0495 U	0.0507 U						
Benzoic Acid	3200	9000	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Benzyl Alcohol	150	430	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Benzyl Butyl Phthalate	3200	10000	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.595 D	0.0495 U	0.0507 U						
Biphenyl (Diphenyl)	40	190	0.559 D	1.4 D	0.634 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Bis(2-chloroethoxy) methane	3.4	9.2	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Bis(2-chloroethyl) ether (2-chloroethyl ether)	0.0045	0.023	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Bis(2-chloroisopropyl) ether	8	8	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Bis(2-ethylhexyl) phthalate	130	130	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Caprolactam	~	~	0.0979 U	0.098 U	0.099 U	0.106 U	0.1	0.0987 U	0.101 U						
Carbazole	24	110	2.23 D	8.81 D	2.74 D	0.0667 JD	0.0503 U	0.0495 U	0.0507 U						
Chrysene	35	230	10.1 D	23.6 D	10.3 D	0.206 D	0.0503 U	0.0495 U	0.0507 U						
Dibenz(a,h)anthracene	1	22	1.78 D	5.54 D	2.35 D	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Dibenzofuran	110	310	2.3 D	7.97 D	2.62 D	0.0574 JD	0.0503 U	0.0495 U	0.0507 U						
Dibutyl phthalate	1700	4900	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Diethyl phthalate	1000	2900	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Dimethyl phthalate	~	~	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Diocetyl phthalate	2200	10000	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Fluoranthene	3200	3200	24.2 D	59.4 D	23.7 D	0.52 D	0.0503 U	0.106 D	0.0507 U						
Fluorene	3400	3800	4.89 D	12.6 D	5.09 D	0.0928 JD	0.0503 U	0.0495 U	0.0507 U						
Hexachlorobenzene	0.96	0.96	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Hexachlorobutadiene	11	52	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Hexachlorocyclopentadiene	91	91	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Hexachloroethane	0.56	0.56	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Indeno(1,2,3-cd)pyrene	3.5	76	4.43 D	12.6 D	5.48 D	0.128 D	0.0503 U	0.0495 U	0.0507 U						
Isophorone	1.9	1.9	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Naphthalene	25	25	5.59 D	16.9 D	7.43 D	0.137 D	0.0503 U	0.0495 U	0.0507 U						
Nitrobenzene	3.6	10	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
n-Nitrosodimethylamine	1.90E-05	0.00024	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
n-Nitrosodi-N-Propylamine	0.0014	0.0068	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
n-Nitrosodiphenylamine	23	110	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Pentachlorophenol	5	5	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Phenanthrene	10000	10000	26.1 D	58.3 D	24.4 D	0.526 D	0.0503 U	0.118 D	0.0507 U						
Phenol	33	33	0.0491 U	0.0491 U	0.0496 U	0.0529 U	0.0503 U	0.0495 U	0.0507 U						
Pyrene	2200	2200	20.7 D	46.7 D	20.6 D	0.409 D	0.0503 U	0.11 D	0.0507 U						
Pyridine	0.47	1.3	0.196 U	0.196 U	0.198 U	0.211 U	0.201 U	0.198 U	0.203 U						

Notes provided on Page 4.

Concentrations above PADEP Clean Fill criteria are bolded.

Concentrations above PADEP Regulated Fill criteria are shaded.

Table 3
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - PA

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location				WC-1A		WC-1B		WC-1B		WC-2		WC-3		WC-4		WC-5	
Sample ID		PADEP Clean Fill	PADEP Regulated Fill	WC-1A_021121		WC-1B_021121		DUP01_021121		WC-2_021121		WC-3_021021 / WC-3_021121		WC-4_021121		WC-5_021121	
Laboratory ID				21B0416-01		21B0416-02		21B0416-07		21B0416-03		21B0345-02 / 21B0416-04		21B0416-05		21B0416-06	
Sample Date				2/11/2021		2/11/2021		2/11/2021		2/11/2021		2/10/2021 / 2/11/2021		2/11/2021		2/11/2021	
Sample Depth (VOC Sample Depth) (feet bgs)				0-9 (0-0.5)		9-18 (14-14.5)		9-18 (14-14.5)		10.5-18 (10.5-11)		10.5-18 (12.5-13)		15-21.5 (19.5-20)		18-27.5 (24-24.5)	
Petroleum Hydrocarbons (mg/kg)																	
EPA Total Extractable Petroleum Hydrocarbons Range 9 To 40		~	~	103		278		876	D	62.3	U	77.9		133		60.7	U
Pesticides (mg/kg)																	
4,4'-DDD		33	150	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
4,4'-DDE		46	220	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
4,4'-DDT		55	270	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Aldrin		0.52	2.4	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Alpha BHC (Alpha Hexachlorocyclohexane)		0.055	0.25	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Alpha Chlordane		~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Alpha Endosulfan		130	260	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Beta Bhc (Beta Hexachlorocyclohexane)		0.24	1.1	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Beta Endosulfan		150	260	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Chlordane (alpha and gamma)		49	49	0.0387	U	0.0387	U	0.0395	U	0.0414	U	0.0393	U	0.0387	U	0.0396	U
Delta Bhc (Delta Hexachlorocyclohexane)		~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Dieldrin		0.13	0.58	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Endosulfan Sulfate		70	70	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Endrin		5.5	5.5	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Endrin Aldehyde		~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Endrin Ketone		~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Gamma Bhc (Lindane)		0.072	0.072	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Gamma-Chlordane		~	~	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Heptachlor		0.68	0.68	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Heptachlor Epoxide		1.1	1.1	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Methoxychlor		630	630	0.00194	U	0.00193	U	0.00198	U	0.00207	U	0.00197	U	0.00193	U	0.00198	U
Toxaphene		1.2	1.2	0.194	U	0.193	U	0.198	U	0.207	U	0.197	U	0.193	U	0.198	U
Herbicides (mg/kg)																	
2,4,5-T (Trichlorophenoxyacetic Acid)		1.5	1.5	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U	0.0202	U
2,4-D (Dichlorophenoxyacetic Acid)		1.8	1.8	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U	0.0202	U
Silvex (2,4,5-Tp)		22	22	0.0195	U	0.0197	U	0.02	U	0.021	U	0.0199	U	0.0199	U	0.0202	U
Polychlorinated Biphenyls (mg/kg)																	
PCB-1016 (Aroclor 1016)		9	46	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1221 (Aroclor 1221)		0.18	0.83	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1232 (Aroclor 1232)		0.14	0.7	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1242 (Aroclor 1242)		4	20	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1248 (Aroclor 1248)		9.3	46	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1254 (Aroclor 1254)		4.4	46	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
PCB-1260 (Aroclor 1260)		9	46	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
Total PCBs		2	2	0.0196	U	0.0195	U	0.02	U	0.0209	U	0.0199	U	0.0195	U	0.02	U
Inorganics (mg/kg)																	
Aluminum		190000	190000	9,800		9,450		6,560		14,900		11,100		9,180		9,030	
Antimony		27	27	2.96	U	2.98	U	3.03	U	3.18	U	3.03	U	3.01	U	3.06	U
Arsenic		12	29	2.28		3.05		1.82	U	1.91	U	2.04		1.81	U	1.84	U
Barium		8200	8200	89.7		78.6		283		116		71.4		66		57.2	
Beryllium		320	320	0.059	U	0.06	U	0.061	U	0.064	U	0.061	U	0.06	U	0.061	U
Cadmium		38	38	0.356	U	0.357	U	20.9		0.381	U	0.363	U	0.361	U	0.368	U
Calcium		~	~	3,770	B	2,090	B	7,380	B	7,470	B	1,840	B	13,200	B	1,710	B
Chromium, Hexavalent		4	190	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U	0.613	U
Chromium, Total		~	~	21.3		13.5		14.6		21.5		16.6		14.2		13.1	
Chromium, Trivalent		190000	190000	21.3		13.5		14.6		21.5		16.6		14.2		13.1	
Cobalt		59	160	7.51		5.99		6.45		11.3		7.34		6.63		7.86	
Copper		8100	43000	28.3		25.4		40.2		27.8		14.7		15.2		16.5	
Cyanide		130	200	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U	0.613	U
Iron		150000	190000	15,300		16,100		154,000	D	23,900		16,700		15,900		14,200	
Lead		450	450	128		9,340		488		81.6		31.8		36.6		23.8	
Magnesium		~	~	3,070		2,370		2,300		4,580		3,170		2,860		3,230	
Manganese		2000	2000	215		185		303		522		248		264		172	
Mercury		10	10	0.717		0.251		0.505		0.214		0.124		0.15		0.0478	
Nickel		650	650	18.2		14.2		19.5		22.9		17		14.3		15	
Potassium		~	~	1,740	B	910	B	985	B	2,780	B	1,380	B	1,190	B	2,070	B
Selenium		26	26	2.96	U	2.98	U	3.03	U	3.18	U	3.03	U	3.01	U	3.06	U
Silver		84	84	0.593	U	0.596	U	0.605	U	0.635	U	0.606	U	0.602	U	0.613	U
Sodium		~	~	292		163		188		637		504		641		567	
Thallium		2	14	2.96	U	2.98	U	7.45		3.18	U	3.03	U	3.01	U	3.06	U
Vanadium		15	220	20.1		21.7		20.8		30.9		22.4		20		18.8	
Zinc		12000	12000	80.1	B	44.4	B	9,690	BD	75.4	B	44.8	B	61	B	37.7	B

Notes provided on Page 4.

Concentrations above PADEP Clean Fill criteria are bolded.

Concentrations above PADEP Regulated Fill criteria are shaded.

Table 3
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - PA

550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Notes:

1. Soil sample analytical results are compared to the PADEP - Pennsylvania Department of Environmental Protection Clean Fill and Regulated Fill criteria.
2. Detected analytical results above PADEP Clean Fill criteria are bolded.
3. Detected analytical results above PADEP Regulated Fill criteria are shaded.
4. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
5. Sample DUP01_021121 is a duplicate sample of WC-1B_021121.
6. ~ = Regulatory limit for this analyte does not exist
7. bgs = below grade surface
8. mg/kg = milligrams per kilogram
9. NA = Not analyzed

Qualifiers:

- D = The concentration reported is a result of a diluted sample.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

Table 4
Environmental Soil Pre-Characterization Results
Soil Sample Analytical Results - USEPA

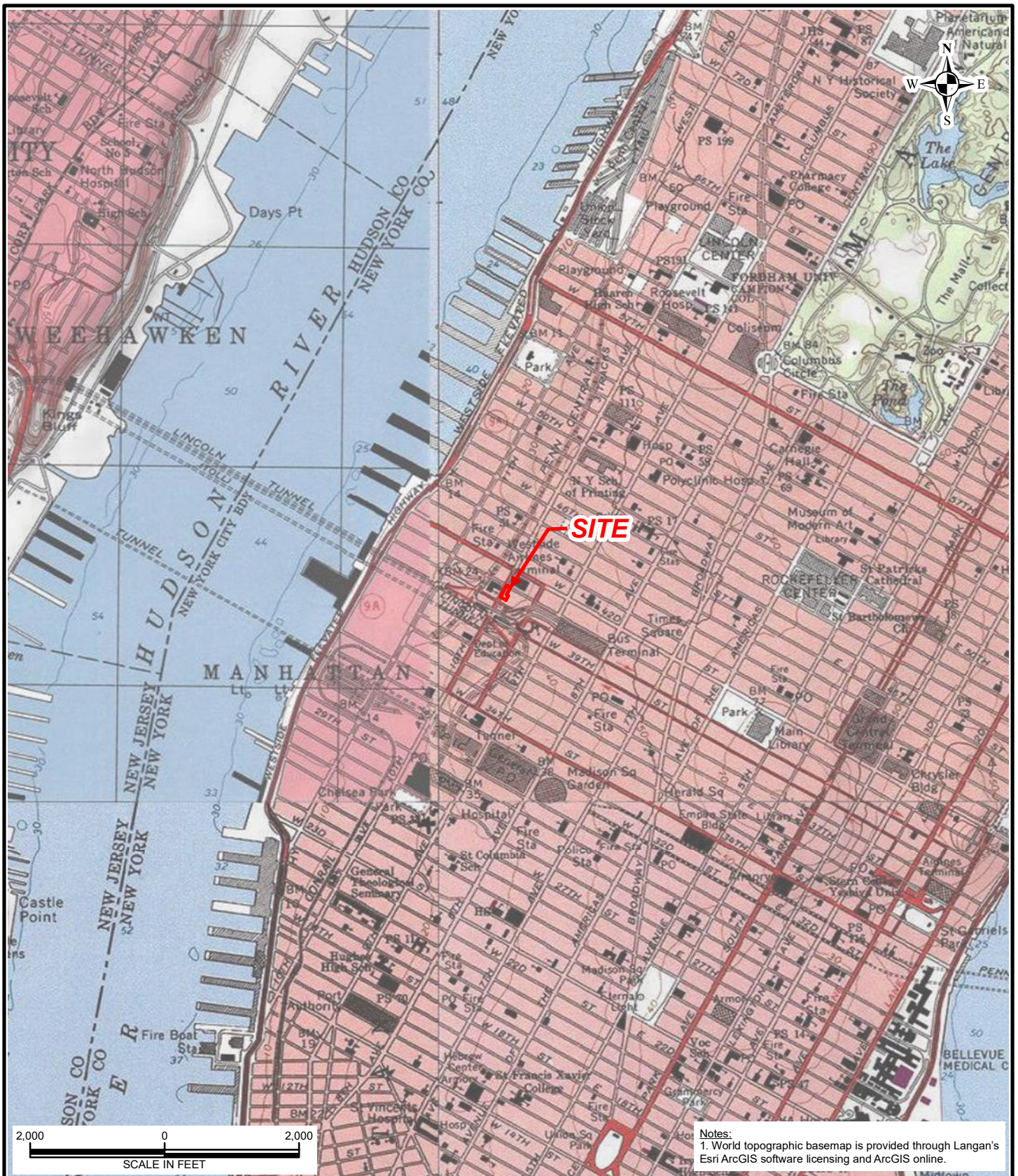
550 10th Avenue Redevelopment
New York, New York
Regulatory Site No.: 20TMP0490M, 20EH-N114M
Langan Project No.: 100674402

Location	RCRA	WC-1A	WC-1B	WC-1B	WC-2	WC-3	WC-4	WC-5
Sample ID	Characteristics	WC-1A_021121	WC-1B_021121	DUP01_021121	WC-2_021121	WC-3_021121	WC-4_021121	WC-5_021121
Laboratory ID	for Hazardous	21B0416-01	21B0416-02	21B0416-07	21B0416-03	21B0416-04	21B0416-05	21B0416-06
Sample Date	Waste	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021	2/11/2021
Sample Depth (VOC Sample Depth) (feet bgs)		0'-9" (0'-0.5')	9'-18" (14'-14.5')	9'-18" (14'-14.5')	10.5'-18" (10.5'-11')	10.5'-18" (12.5'-13')	15'-21.5' (19.5'-20')	18'-27.5' (24'-24.5')
TCLP - Volatile Organic Compounds (mg/L)								
1,1-Dichloroethene	0.7	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,2-Dichloroethane	0.5	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
1,4-Dichlorobenzene	7.5	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Benzene	0.5	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Carbon Tetrachloride	0.5	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chlorobenzene	100	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Chloroform	6	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Methyl Ethyl Ketone (2-Butanone)	200	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Tetrachloroethene (PCE)	0.7	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Trichloroethene (TCE)	0.5	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Vinyl Chloride	0.2	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
TCLP - Semivolatile Organic Compounds (mg/L)								
1,4-Dichlorobenzene	7.5	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
2,4,5-Trichlorophenol	400	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
2,4,6-Trichlorophenol	2	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
2,4-Dinitrotoluene	0.13	0.0025 U	0.0025 U	0.0135	0.0025 U	0.0025 U	0.0025 U	0.0025 U
2-Methylphenol (o-Cresol)	200	0.0025 U	0.0025 U	0.00855	0.0025 U	0.0025 U	0.0025 U	0.0025 U
3 & 4 Methylphenol (m&p Cresol)	~	0.0025 U	0.00425 J	0.0192	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Cresols, Total	200	0.01 U	0.01 U	0.0277	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	0.13	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Hexachlorobutadiene	0.5	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Hexachloroethane	3	0.00125 U	0.00125 U	0.00125 U	0.00125 U	0.00125 U	0.00125 U	0.00125 U
Nitrobenzene	2	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Pentachlorophenol	100	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Pyridine	5	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
TCLP - Pesticides (mg/L)								
Endrin	0.02	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U
Gamma Bhc (Lindane)	0.4	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U
Heptachlor	0.008	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U
Heptachlor Epoxide	0.008	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U
Methoxychlor	10	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U	0.0000444 U
Toxaphene	0.5	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U	0.00111 U
TCLP - Herbicides (mg/L)								
2,4-D (Dichlorophenoxyacetic Acid)	10	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Silvex (2,4,5-Tp)	1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
TCLP - Inorganics (mg/L)								
Arsenic	5	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U	0.375 U
Barium	100	0.679	0.881	0.721	0.719	0.625 U	0.625 U	0.625 U
Cadmium	1	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U	0.075 U
Chromium, Total	5	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U
Lead	5	0.693	20.8	2.81	1.39	0.358	0.125 U	0.626
Mercury	0.2	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Selenium	1	0.625 U	0.625 U	0.625 U	0.625 U	0.625 U	0.625 U	0.625 U
Silver	5	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U
General Chemistry								
Ignitability	IGNITABLE	NI	NI	NI	NI	NI	NI	NI
Ph (pH Units)	<2 or >12.5	7.61	7.85	8.24	8.82	8.08	9.09	7.61
Reactive Cyanide (mg/kg)	~	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Sulfide Reactive (mg/kg)	~	15 U	15 U	15 U	15 U	15 U	15 U	15 U
Temperature (°C)	~	23.2	22.6	22	22.3	22.5	22	22.2

Notes:
1. Soil sample analytical results are compared to the 6 New York Codes, Rules and Regulations (NYCRR) Part 371.3 and 40 CFR 261 Subpart C and Table 1 of 40 CFR 261.24 - Environmental Protection Agency (EPA) Resource Conservation and Recovery Act (RCRA) Characteristics of Hazardous Waste.
2. Detected analytical results above RCRA Maximum Concentration of Contaminants for the Toxicity Characteristic are shaded and bolded.
3. Sample DUP01_021121 is a duplicate sample of WC-1B_021121.
4. ~ = Criterion does not exist
5. mg/l = milligrams per liter
6. mg/kg = milligrams per kilogram
7. bgs = below grade surface
8. TCLP = Toxicity Characteristic Leaching Procedure
9. NI = Not Ignitable

Qualifiers:
J = The analyte was detected above the Method Detection Limit (MDL), but below the Reporting Limit (RL); therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

FIGURES



LANGAN

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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and
Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

**550 10TH AVENUE
REDEVELOPMENT**

BLOCK No. 1050
LOT No. 61
MANHATTAN

NEW YORK COUNTY NEW YORK

Drawing Title

**SITE LOCATION
MAP**

Project No.

100674402

Date

4/12/2021

Scale

1"=2,000'

Drawn By

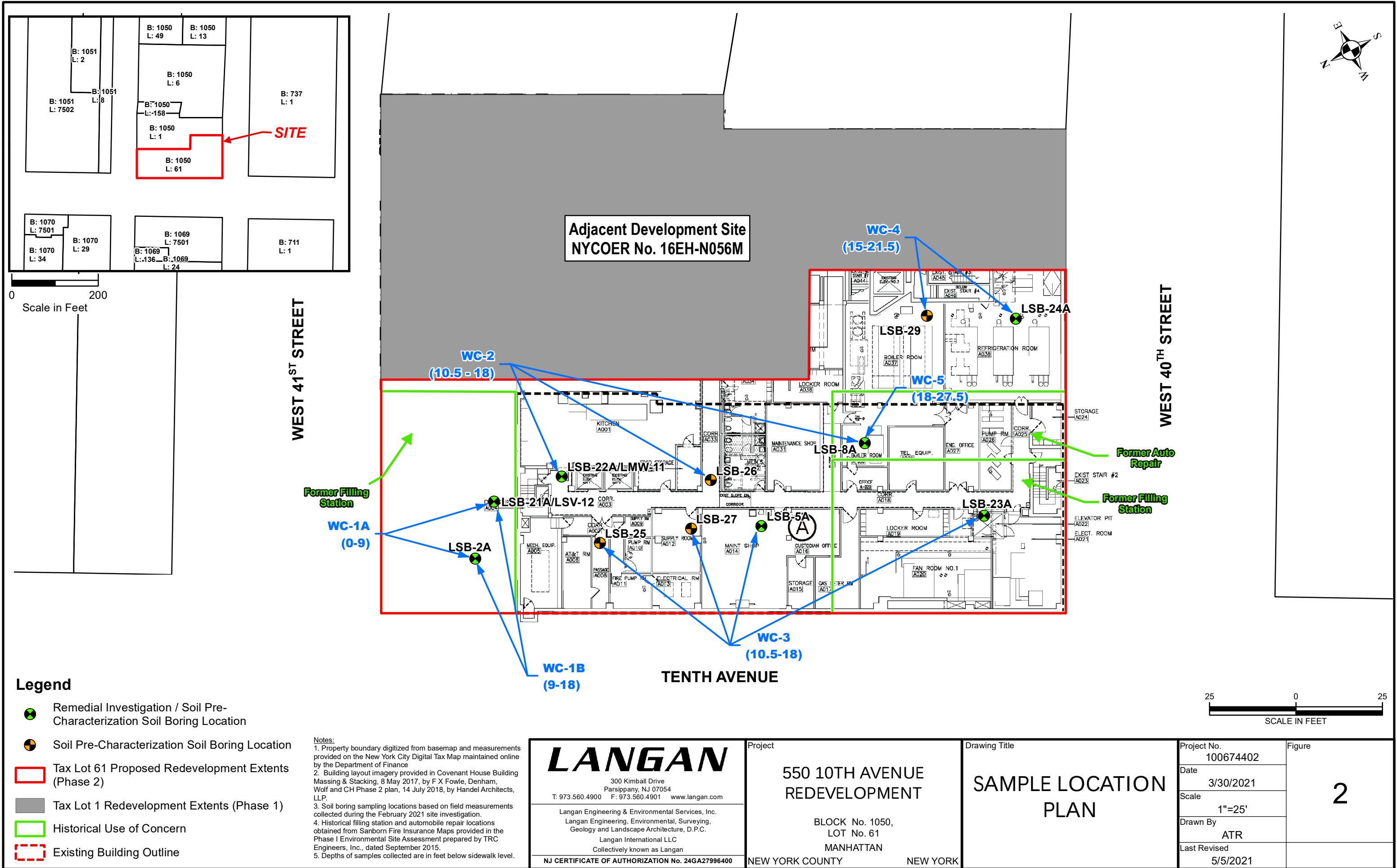
IHB

Submission Date

4/12/2021

Figure

1



Legend

- Remedial Investigation / Soil Pre-Characterization Soil Boring Location
- Soil Pre-Characterization Soil Boring Location
- Tax Lot 61 Proposed Redevelopment Extents (Phase 2)
- Tax Lot 1 Redevelopment Extents (Phase 1)
- Historical Use of Concern
- Existing Building Outline

Notes:
1. Property boundary digitized from basemap and measurements provided on the New York City Digital Tax Map maintained online by the Department of Finance
2. Building layout imagery provided in Covenant House Building Massing & Stacking, 8 May 2017, by F X Fowle, Denham, Wolf and CH Phase 2 plan, 14 July 2018, by Handel Architects, LLP.
3. Soil boring sampling locations based on field measurements collected during the February 2021 site investigation.
4. Historical filling station and automobile repair locations obtained from Sanborn Fire Insurance Maps provided in the Phase I Environmental Site Assessment prepared by TRC Engineers, Inc., dated September 2015.
5. Depths of samples collected are in feet below sidewalk level.

LANGAN

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Geology and Landscape Architecture, D.P.C.
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Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

550 10TH AVENUE
REDEVELOPMENT

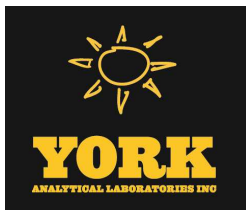
BLOCK No. 1050,
LOT No. 61
MANHATTAN

NEW YORK COUNTY NEW YORK

Drawing Title		Project No.	Figure
SAMPLE LOCATION PLAN		100674402	
		Date 3/30/2021	
		Scale 1"=25'	
		Drawn By ATR	
		Last Revised 5/5/2021	

ATTACHMENT 1

Complete Laboratory Analytical



Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)

300 Kimball Drive, 4th Floor

Parsipanny NJ, 07054-2172

Attention: Allyson Kritzer

Report Date: 05/05/2021

Client Project ID: 100674402

York Project (SDG) No.: 21B0345

Revision No. 1.0



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: 05/05/2021
Client Project ID: 100674402
York Project (SDG) No.: 21B0345

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Allyson Kritzer

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 February 10, 2021 and listed below. The project was identified as your project: **100674402**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
21B0345-02	WC-3	Soil	02/10/2021	02/10/2021
21B0345-03	TRIP BLANK	Water	02/09/2021	02/10/2021

General Notes for York Project (SDG) No.: 21B0345

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 05/05/2021





Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0345-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0345

100674402

Soil

February 10, 2021 12:45 pm

02/10/2021

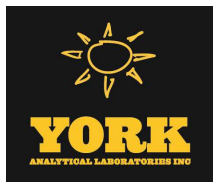
Volatiles, 8260 Comprehensive

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		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/11/2021 06:47	02/11/2021 14:40	KHA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/11/2021 06:47	02/11/2021 14:40	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0345-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0345

100674402

Soil

February 10, 2021 12:45 pm

02/10/2021

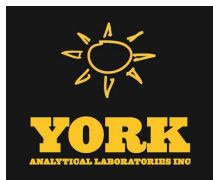
Volatiles, 8260 Comprehensive

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/11/2021 06:47	02/11/2021 14:40	KHA
78-93-3	2-Butanone	0.0074		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
67-64-1	Acetone	0.035		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0345-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0345

100674402

Soil

February 10, 2021 12:45 pm

02/10/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0345-02

York Project (SDG) No.
21B0345

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 10, 2021 12:45 pm

Date Received
02/10/2021

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:47	02/11/2021 14:40	KHA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/11/2021 06:47	02/11/2021 14:40	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.2 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.4		%	0.100	1	SM 2540G Certifications: CTDOH	02/17/2021 15:52	02/17/2021 15:53	KHA



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21B0345-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0345

100674402

Water

February 9, 2021 12:00 am

02/10/2021

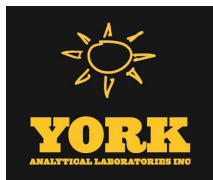
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/11/2021 06:35	02/11/2021 15:02	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21B0345-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0345

100674402

Water

February 9, 2021 12:00 am

02/10/2021

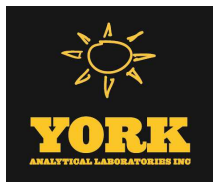
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
78-93-3	2-Butanone	1.42	Cal-E, B	ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
67-64-1	Acetone	3.07	CCV-E	ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21B0345-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0345

100674402

Water

February 9, 2021 12:00 am

02/10/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21B0345-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0345

100674402

Water

February 9, 2021 12:00 am

02/10/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/11/2021 06:35	02/11/2021 15:02	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/11/2021 06:35	02/11/2021 15:02	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.0 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	97.3 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	99.3 %	79-122								



Analytical Batch Summary

Batch ID: BB10454 **Preparation Method:** EPA 5030B **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
21B0345-03	TRIP BLANK	02/11/21
BB10454-BLK1	Blank	02/11/21
BB10454-BS1	LCS	02/11/21
BB10454-BSD1	LCS Dup	02/11/21

Batch ID: BB10497 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
21B0345-02	WC-3	02/11/21
BB10497-BLK1	Blank	02/11/21
BB10497-BLK2	Blank	02/11/21
BB10497-BLK3	Blank	02/11/21
BB10497-BS1	LCS	02/11/21
BB10497-BSD1	LCS Dup	02/11/21

Batch ID: BB10803 **Preparation Method:** % Solids Prep **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
21B0345-02	WC-3	02/17/21
BB10803-DUP1	Duplicate	02/17/21



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10454 - EPA 5030B

Blank (BB10454-BLK1)	Blank	Prepared & Analyzed: 02/11/2021									
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	0.320	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10454 - EPA 5030B

Blank (BB10454-BLK1)	Blank										Prepared & Analyzed: 02/11/2021
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methyleyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.19		"	10.0		91.9	69-130				
Surrogate: SURR: Toluene-d8	9.78		"	10.0		97.8	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10454 - EPA 5030B											
LCS (BB10454-BS1)	LCS						Prepared & Analyzed: 02/11/2021				
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126				
1,1,1-Trichloroethane	11.4		"	10.0		114	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14.0		"	10.0		140	54-165				
1,1,2-Trichloroethane	9.96		"	10.0		99.6	82-123				
1,1-Dichloroethane	11.3		"	10.0		113	82-129				
1,1-Dichloroethylene	12.0		"	10.0		120	68-138				
1,1-Dichloropropylene	11.6		"	10.0		116	83-133				
1,2,3-Trichlorobenzene	9.89		"	10.0		98.9	76-136				
1,2,3-Trichloropropane	10.1		"	10.0		101	77-128				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137				
1,2,4-Trimethylbenzene	11.2		"	10.0		112	82-132				
1,2-Dibromo-3-chloropropane	9.46		"	10.0		94.6	45-147				
1,2-Dibromoethane	10.1		"	10.0		101	83-124				
1,2-Dichlorobenzene	10.8		"	10.0		108	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	10.8		"	10.0		108	78-126				
1,3,5-Trimethylbenzene	11.4		"	10.0		114	80-131				
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122				
1,3-Dichloropropane	10.1		"	10.0		101	81-125				
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124				
1,4-Dioxane	208		"	210		98.9	10-349				
2,2-Dichloropropane	8.06		"	10.0		80.6	56-150				
2-Butanone	9.58		"	10.0		95.8	49-152				
2-Chlorotoluene	10.9		"	10.0		109	79-130				
2-Hexanone	8.57		"	10.0		85.7	51-146				
4-Chlorotoluene	10.8		"	10.0		108	79-128				
4-Methyl-2-pentanone	8.66		"	10.0		86.6	57-145				
Acetone	14.1		"	10.0		141	14-150				
Acrolein	11.7		"	10.0		117	10-153				
Acrylonitrile	11.7		"	10.0		117	51-150				
Benzene	12.0		"	10.0		120	85-126				
Bromobenzene	10.4		"	10.0		104	78-129				
Bromochloromethane	11.0		"	10.0		110	77-128				
Bromodichloromethane	10.0		"	10.0		100	79-128				
Bromoform	9.42		"	10.0		94.2	78-133				
Bromomethane	6.25		"	10.0		62.5	43-168				
Carbon disulfide	12.8		"	10.0		128	68-146				
Carbon tetrachloride	11.4		"	10.0		114	77-141				
Chlorobenzene	11.0		"	10.0		110	88-120				
Chloroethane	13.3		"	10.0		133	65-136				
Chloroform	11.6		"	10.0		116	82-128				
Chloromethane	13.8		"	10.0		138	43-155				
cis-1,2-Dichloroethylene	11.1		"	10.0		111	83-129				
cis-1,3-Dichloropropylene	9.08		"	10.0		90.8	80-131				
Cyclohexane	10.5		"	10.0		105	63-149				
Dibromochloromethane	9.97		"	10.0		99.7	80-130				
Dibromomethane	9.96		"	10.0		99.6	72-134				
Dichlorodifluoromethane	19.1		"	10.0		191	44-144	High Bias			
Ethyl Benzene	11.6		"	10.0		116	80-131				
Hexachlorobutadiene	10.8		"	10.0		108	67-146				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

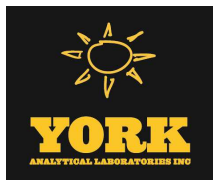
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10454 - EPA 5030B											
LCS (BB10454-BS1)	LCS		Prepared & Analyzed: 02/11/2021								
Isopropylbenzene	11.3		ug/L	10.0		113	76-140				
Methyl acetate	7.82		"	10.0		78.2	51-139				
Methyl tert-butyl ether (MTBE)	10.4		"	10.0		104	76-135				
Methylcyclohexane	11.8		"	10.0		118	72-143				
Methylene chloride	11.3		"	10.0		113	55-137				
n-Butylbenzene	10.2		"	10.0		102	79-132				
n-Propylbenzene	11.4		"	10.0		114	78-133				
o-Xylene	11.2		"	10.0		112	78-130				
p- & m- Xylenes	23.5		"	20.0		117	77-133				
p-Isopropyltoluene	11.2		"	10.0		112	81-136				
sec-Butylbenzene	11.9		"	10.0		119	79-137				
Styrene	11.1		"	10.0		111	67-132				
tert-Butyl alcohol (TBA)	43.9		"	50.0		87.8	25-162				
tert-Butylbenzene	9.62		"	10.0		96.2	77-138				
Tetrachloroethylene	10.9		"	10.0		109	82-131				
Toluene	11.0		"	10.0		110	80-127				
trans-1,2-Dichloroethylene	12.4		"	10.0		124	80-132				
trans-1,3-Dichloropropylene	8.77		"	10.0		87.7	78-131				
Trichloroethylene	11.0		"	10.0		110	82-128				
Trichlorofluoromethane	13.2		"	10.0		132	67-139				
Vinyl acetate	7.77		"	10.0		77.7	21-90				
Vinyl Chloride	13.2		"	10.0		132	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	8.83		"	10.0		88.3	69-130				
<i>Surrogate: SURR: Toluene-d8</i>	9.71		"	10.0		97.1	81-117				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	9.89		"	10.0		98.9	79-122				
LCS Dup (BB10454-BS1)	LCS Dup		Prepared & Analyzed: 02/11/2021								
1,1,1,2-Tetrachloroethane	8.92		ug/L	10.0		89.2	82-126		16.9	30	
1,1,1-Trichloroethane	9.99		"	10.0		99.9	78-136		13.2	30	
1,1,2,2-Tetrachloroethane	8.65		"	10.0		86.5	76-129		15.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.7		"	10.0		127	54-165		9.65	30	
1,1,2-Trichloroethane	7.95		"	10.0		79.5	82-123	Low Bias	22.4	30	
1,1-Dichloroethane	9.68		"	10.0		96.8	82-129		15.2	30	
1,1-Dichloroethylene	10.9		"	10.0		109	68-138		10.1	30	
1,1-Dichloropropylene	10.3		"	10.0		103	83-133		11.9	30	
1,2,3-Trichlorobenzene	8.57		"	10.0		85.7	76-136		14.3	30	
1,2,3-Trichloropropane	8.73		"	10.0		87.3	77-128		14.9	30	
1,2,4-Trichlorobenzene	9.60		"	10.0		96.0	76-137		6.35	30	
1,2,4-Trimethylbenzene	11.1		"	10.0		111	82-132		1.16	30	
1,2-Dibromo-3-chloropropane	8.08		"	10.0		80.8	45-147		15.7	30	
1,2-Dibromoethane	8.08		"	10.0		80.8	83-124	Low Bias	22.0	30	
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123		6.33	30	
1,2-Dichloroethane	8.65		"	10.0		86.5	73-132		21.4	30	
1,2-Dichloropropane	9.36		"	10.0		93.6	78-126		14.7	30	
1,3,5-Trimethylbenzene	11.5		"	10.0		115	80-131		1.31	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	86-122		3.76	30	
1,3-Dichloropropane	8.09		"	10.0		80.9	81-125	Low Bias	22.1	30	
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124		3.97	30	
1,4-Dioxane	161		"	210		76.7	10-349		25.3	30	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		23.2	30	
2-Butanone	7.30		"	10.0		73.0	49-152		27.0	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10454 - EPA 5030B											
LCS Dup (BB10454-BSD1)	LCS Dup		Prepared & Analyzed: 02/11/2021								
2-Chlorotoluene	10.8		ug/L	10.0		108	79-130		0.831	30	
2-Hexanone	6.41		"	10.0		64.1	51-146		28.8	30	
4-Chlorotoluene	10.9		"	10.0		109	79-128		0.832	30	
4-Methyl-2-pentanone	6.39		"	10.0		63.9	57-145		30.2	30	Non-dir.
Acetone	10.1		"	10.0		101	14-150		32.4	30	Non-dir.
Acrolein	8.12		"	10.0		81.2	10-153		35.9	30	Non-dir.
Acrylonitrile	8.54		"	10.0		85.4	51-150		31.6	30	Non-dir.
Benzene	10.3		"	10.0		103	85-126		14.6	30	
Bromobenzene	9.85		"	10.0		98.5	78-129		5.24	30	
Bromochloromethane	8.97		"	10.0		89.7	77-128		20.2	30	
Bromodichloromethane	8.58		"	10.0		85.8	79-128		15.6	30	
Bromoform	7.17		"	10.0		71.7	78-133	Low Bias	27.1	30	
Bromomethane	6.61		"	10.0		66.1	43-168		5.60	30	
Carbon disulfide	11.4		"	10.0		114	68-146		11.5	30	
Carbon tetrachloride	10.1		"	10.0		101	77-141		12.1	30	
Chlorobenzene	9.72		"	10.0		97.2	88-120		12.4	30	
Chloroethane	12.1		"	10.0		121	65-136		9.06	30	
Chloroform	9.68		"	10.0		96.8	82-128		17.7	30	
Chloromethane	15.2		"	10.0		152	43-155		9.10	30	
cis-1,2-Dichloroethylene	9.95		"	10.0		99.5	83-129		10.9	30	
cis-1,3-Dichloropropylene	8.14		"	10.0		81.4	80-131		10.9	30	
Cyclohexane	9.84		"	10.0		98.4	63-149		6.87	30	
Dibromochloromethane	7.90		"	10.0		79.0	80-130	Low Bias	23.2	30	
Dibromomethane	8.14		"	10.0		81.4	72-134		20.1	30	
Dichlorodifluoromethane	20.2		"	10.0		202	44-144	High Bias	5.34	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		10.8	30	
Hexachlorobutadiene	10.7		"	10.0		107	67-146		0.746	30	
Isopropylbenzene	11.5		"	10.0		115	76-140		2.37	30	
Methyl acetate	7.27		"	10.0		72.7	51-139		7.29	30	
Methyl tert-butyl ether (MTBE)	8.19		"	10.0		81.9	76-135		24.2	30	
Methylcyclohexane	11.9		"	10.0		119	72-143		1.35	30	
Methylene chloride	9.50		"	10.0		95.0	55-137		17.7	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		2.90	30	
n-Propylbenzene	11.6		"	10.0		116	78-133		1.92	30	
o-Xylene	9.77		"	10.0		97.7	78-130		13.3	30	
p- & m- Xylenes	21.0		"	20.0		105	77-133		11.3	30	
p-Isopropyltoluene	11.3		"	10.0		113	81-136		0.887	30	
sec-Butylbenzene	11.9		"	10.0		119	79-137		0.252	30	
Styrene	9.53		"	10.0		95.3	67-132		15.2	30	
tert-Butyl alcohol (TBA)	26.2		"	50.0		52.4	25-162		50.5	30	Non-dir.
tert-Butylbenzene	9.66		"	10.0		96.6	77-138		0.415	30	
Tetrachloroethylene	9.99		"	10.0		99.9	82-131		8.71	30	
Toluene	10.1		"	10.0		101	80-127		8.35	30	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132		14.3	30	
trans-1,3-Dichloropropylene	7.52		"	10.0		75.2	78-131	Low Bias	15.3	30	
Trichloroethylene	10.1		"	10.0		101	82-128		8.65	30	
Trichlorofluoromethane	13.0		"	10.0		130	67-139		1.30	30	
Vinyl acetate	6.71		"	10.0		67.1	21-90		14.6	30	
Vinyl Chloride	13.9		"	10.0		139	58-145		5.46	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	8.02		"	10.0		80.2	69-130				
Surrogate: SURR: Toluene-d8	9.98		"	10.0		99.8	81-117				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10454 - EPA 5030B

LCS Dup (BB10454-BSD1) LCS Dup

Prepared & Analyzed: 02/11/2021

Surrogate: SURR: p-Bromofluorobenzene 10.6 ug/L 10.0 106 79-122

Batch BB10497 - EPA 5035A

Blank (BB10497-BLK1) Blank

Prepared & Analyzed: 02/11/2021

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	0.0039	0.0050	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10497 - EPA 5035A

Blank (BB10497-BLK1)	Blank										Prepared & Analyzed: 02/11/2021
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	46.3		ug/L	50.0		92.6	77-125				
Surrogate: SURR: Toluene-d8	51.0		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	57.8		"	50.0		116	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10497 - EPA 5035A

Blank (BB10497-BLK2)		HOLDING BLANK- 21B0345				Prepared & Analyzed: 02/11/2021					
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	0.0032	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10497 - EPA 5035A

Blank (BB10497-BLK2)		HOLDING BLANK- 21B0345						Prepared & Analyzed: 02/11/2021			
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.020	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	48.7		ug/L	50.0		97.4	77-125				
Surrogate: SURR: Toluene-d8	50.8		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	55.7		"	50.0		111	76-130				

Blank (BB10497-BLK3)		HOLDING BLANK- 21B0347						Prepared & Analyzed: 02/11/2021			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10497 - EPA 5035A											
Blank (BB10497-BLK3)	HOLDING BLANK- 21B0347								Prepared & Analyzed: 02/11/2021		
2-Butanone	0.0034	0.0050	mg/kg wet								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.019	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10497 - EPA 5035A											
Blank (BB10497-BLK3)	HOLDING BLANK- 21B0347							Prepared & Analyzed: 02/11/2021			
Surrogate: SURR: 1,2-Dichloroethane-d4	48.4		ug/L	50.0		96.7	77-125				
Surrogate: SURR: Toluene-d8	50.2		"	50.0		100	85-120				
Surrogate: SURR: p-Bromofluorobenzene	56.2		"	50.0		112	76-130				
LCS (BB10497-BS1)	LCS							Prepared & Analyzed: 02/11/2021			
1,1,1,2-Tetrachloroethane	40.1		ug/L	50.0		80.2	75-129				
1,1,1-Trichloroethane	41.2		"	50.0		82.5	71-137				
1,1,2,2-Tetrachloroethane	47.1		"	50.0		94.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.8		"	50.0		95.6	58-146				
1,1,2-Trichloroethane	44.3		"	50.0		88.6	83-123				
1,1-Dichloroethane	43.3		"	50.0		86.6	75-130				
1,1-Dichloroethylene	47.3		"	50.0		94.7	64-137				
1,1-Dichloropropylene	44.4		"	50.0		88.8	77-127				
1,2,3-Trichlorobenzene	44.7		"	50.0		89.4	81-140				
1,2,3-Trichloropropane	43.7		"	50.0		87.5	81-126				
1,2,4-Trichlorobenzene	46.3		"	50.0		92.6	80-141				
1,2,4-Trimethylbenzene	45.2		"	50.0		90.4	84-125				
1,2-Dibromo-3-chloropropane	41.5		"	50.0		83.1	74-142				
1,2-Dibromoethane	44.6		"	50.0		89.3	86-123				
1,2-Dichlorobenzene	44.9		"	50.0		89.8	85-122				
1,2-Dichloroethane	42.9		"	50.0		85.9	71-133				
1,2-Dichloropropane	46.3		"	50.0		92.6	81-122				
1,3,5-Trimethylbenzene	46.6		"	50.0		93.2	82-126				
1,3-Dichlorobenzene	44.2		"	50.0		88.4	84-124				
1,3-Dichloropropane	43.9		"	50.0		87.8	83-123				
1,4-Dichlorobenzene	44.7		"	50.0		89.3	84-124				
1,4-Dioxane	1140		"	1050		109	10-228				
2,2-Dichloropropane	42.7		"	50.0		85.4	67-136				
2-Butanone	39.8		"	50.0		79.6	58-147				
2-Chlorotoluene	46.7		"	50.0		93.5	78-127				
2-Hexanone	48.2		"	50.0		96.3	70-139				
4-Chlorotoluene	44.8		"	50.0		89.6	79-125				
4-Methyl-2-pentanone	47.4		"	50.0		94.8	72-132				
Acetone	41.2		"	50.0		82.4	36-155				
Acrolein	41.2		"	50.0		82.4	10-238				
Acrylonitrile	46.4		"	50.0		92.8	66-141				
Benzene	44.3		"	50.0		88.6	77-127				
Bromobenzene	45.7		"	50.0		91.5	77-129				
Bromochloromethane	44.3		"	50.0		88.6	74-129				
Bromodichloromethane	41.9		"	50.0		83.7	81-124				
Bromoform	40.1		"	50.0		80.3	80-136				
Bromomethane	57.9		"	50.0		116	32-177				
Carbon disulfide	46.2		"	50.0		92.4	10-136				
Carbon tetrachloride	42.4		"	50.0		84.8	66-143				
Chlorobenzene	44.3		"	50.0		88.6	86-120				
Chloroethane	52.4		"	50.0		105	51-142				
Chloroform	43.8		"	50.0		87.6	76-131				
Chloromethane	56.0		"	50.0		112	49-132				
cis-1,2-Dichloroethylene	45.4		"	50.0		90.8	74-132				
cis-1,3-Dichloropropylene	41.4		"	50.0		82.7	81-129				
Cyclohexane	45.6		"	50.0		91.2	70-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10497 - EPA 5035A

LCS (BB10497-BS1)	LCS	Prepared & Analyzed: 02/11/2021									
Dibromochloromethane	41.1		ug/L	50.0		82.2	10-200				
Dibromomethane	44.3		"	50.0		88.7	83-124				
Dichlorodifluoromethane	58.9		"	50.0		118	28-158				
Ethyl Benzene	44.8		"	50.0		89.7	84-125				
Hexachlorobutadiene	46.2		"	50.0		92.5	83-133				
Isopropylbenzene	45.7		"	50.0		91.5	81-127				
Methyl acetate	42.5		"	50.0		85.0	41-143				
Methyl tert-butyl ether (MTBE)	46.5		"	50.0		93.0	74-131				
Methylcyclohexane	46.3		"	50.0		92.6	70-130				
Methylene chloride	47.6		"	50.0		95.1	57-141				
n-Butylbenzene	50.5		"	50.0		101	80-130				
n-Propylbenzene	47.3		"	50.0		94.7	74-136				
o-Xylene	44.4		"	50.0		88.7	83-123				
p- & m- Xylenes	95.3		"	100		95.3	82-128				
p-Isopropyltoluene	47.7		"	50.0		95.3	85-125				
sec-Butylbenzene	49.0		"	50.0		97.9	83-125				
Styrene	45.0		"	50.0		90.0	86-126				
tert-Butyl alcohol (TBA)	228		"	250		91.1	70-130				
tert-Butylbenzene	45.2		"	50.0		90.5	80-127				
Tetrachloroethylene	41.1		"	50.0		82.2	80-129				
Toluene	45.5		"	50.0		90.9	85-121				
trans-1,2-Dichloroethylene	47.7		"	50.0		95.4	72-132				
trans-1,3-Dichloropropylene	40.3		"	50.0		80.6	78-132				
Trichloroethylene	46.6		"	50.0		93.1	84-123				
Trichlorofluoromethane	50.3		"	50.0		101	62-140				
Vinyl acetate	39.3		"	50.0		78.6	67-136				
Vinyl Chloride	53.2		"	50.0		106	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	48.4		"	50.0		96.8	77-125				
Surrogate: SURR: Toluene-d8	51.0		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.1		"	50.0		104	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10497 - EPA 5035A											
LCS Dup (BB10497-BSD1)	LCS Dup		Prepared & Analyzed: 02/11/2021								
1,1,1,2-Tetrachloroethane	42.6		ug/L	50.0		85.2	75-129		6.05	30	
1,1,1-Trichloroethane	44.0		"	50.0		88.1	71-137		6.57	30	
1,1,2,2-Tetrachloroethane	49.5		"	50.0		98.9	79-129		4.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.6		"	50.0		99.3	58-146		3.82	30	
1,1,2-Trichloroethane	47.3		"	50.0		94.6	83-123		6.57	30	
1,1-Dichloroethane	46.1		"	50.0		92.2	75-130		6.26	30	
1,1-Dichloroethylene	49.6		"	50.0		99.2	64-137		4.62	30	
1,1-Dichloropropylene	46.2		"	50.0		92.3	77-127		3.93	30	
1,2,3-Trichlorobenzene	48.0		"	50.0		95.9	81-140		6.99	30	
1,2,3-Trichloropropane	47.9		"	50.0		95.9	81-126		9.16	30	
1,2,4-Trichlorobenzene	49.5		"	50.0		99.1	80-141		6.76	30	
1,2,4-Trimethylbenzene	47.6		"	50.0		95.1	84-125		5.11	30	
1,2-Dibromo-3-chloropropane	44.4		"	50.0		88.7	74-142		6.61	30	
1,2-Dibromoethane	48.2		"	50.0		96.5	86-123		7.73	30	
1,2-Dichlorobenzene	47.0		"	50.0		94.1	85-122		4.68	30	
1,2-Dichloroethane	46.7		"	50.0		93.4	71-133		8.35	30	
1,2-Dichloropropane	49.1		"	50.0		98.2	81-122		5.89	30	
1,3,5-Trimethylbenzene	48.6		"	50.0		97.3	82-126		4.28	30	
1,3-Dichlorobenzene	46.3		"	50.0		92.6	84-124		4.66	30	
1,3-Dichloropropane	46.4		"	50.0		92.8	83-123		5.60	30	
1,4-Dichlorobenzene	47.2		"	50.0		94.4	84-124		5.53	30	
1,4-Dioxane	1170		"	1050		112	10-228		2.60	30	
2,2-Dichloropropane	45.4		"	50.0		90.9	67-136		6.15	30	
2-Butanone	40.7		"	50.0		81.5	58-147		2.26	30	
2-Chlorotoluene	49.1		"	50.0		98.3	78-127		4.99	30	
2-Hexanone	52.6		"	50.0		105	70-139		8.79	30	
4-Chlorotoluene	51.9		"	50.0		104	79-125		14.8	30	
4-Methyl-2-pentanone	51.1		"	50.0		102	72-132		7.45	30	
Acetone	41.2		"	50.0		82.4	36-155		0.0243	30	
Acrolein	42.4		"	50.0		84.9	10-238		2.96	30	
Acrylonitrile	49.4		"	50.0		98.7	66-141		6.14	30	
Benzene	47.2		"	50.0		94.4	77-127		6.30	30	
Bromobenzene	47.8		"	50.0		95.6	77-129		4.43	30	
Bromochloromethane	46.9		"	50.0		93.8	74-129		5.75	30	
Bromodichloromethane	44.0		"	50.0		88.0	81-124		4.92	30	
Bromoform	43.1		"	50.0		86.3	80-136		7.21	30	
Bromomethane	56.4		"	50.0		113	32-177		2.52	30	
Carbon disulfide	50.7		"	50.0		101	10-136		9.21	30	
Carbon tetrachloride	45.4		"	50.0		90.7	66-143		6.72	30	
Chlorobenzene	46.4		"	50.0		92.9	86-120		4.72	30	
Chloroethane	51.6		"	50.0		103	51-142		1.40	30	
Chloroform	46.5		"	50.0		92.9	76-131		5.92	30	
Chloromethane	57.9		"	50.0		116	49-132		3.23	30	
cis-1,2-Dichloroethylene	48.1		"	50.0		96.2	74-132		5.71	30	
cis-1,3-Dichloropropylene	43.7		"	50.0		87.4	81-129		5.53	30	
Cyclohexane	48.3		"	50.0		96.5	70-130		5.67	30	
Dibromochloromethane	44.2		"	50.0		88.4	10-200		7.27	30	
Dibromomethane	46.4		"	50.0		92.9	83-124		4.65	30	
Dichlorodifluoromethane	60.4		"	50.0		121	28-158		2.40	30	
Ethyl Benzene	47.6		"	50.0		95.1	84-125		5.84	30	
Hexachlorobutadiene	49.2		"	50.0		98.3	83-133		6.10	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10497 - EPA 5035A											
LCS Dup (BB10497-BSD1)	LCS Dup		Prepared & Analyzed: 02/11/2021								
Isopropylbenzene	48.0		ug/L	50.0		96.0	81-127		4.84	30	
Methyl acetate	44.9		"	50.0		89.8	41-143		5.52	30	
Methyl tert-butyl ether (MTBE)	49.6		"	50.0		99.2	74-131		6.47	30	
Methylcyclohexane	48.9		"	50.0		97.9	70-130		5.50	30	
Methylene chloride	49.3		"	50.0		98.5	57-141		3.51	30	
n-Butylbenzene	53.7		"	50.0		107	80-130		6.12	30	
n-Propylbenzene	49.2		"	50.0		98.3	74-136		3.75	30	
o-Xylene	47.2		"	50.0		94.3	83-123		6.14	30	
p- & m- Xylenes	100		"	100		100	82-128		5.06	30	
p-Isopropyltoluene	50.0		"	50.0		99.9	85-125		4.71	30	
sec-Butylbenzene	51.6		"	50.0		103	83-125		5.27	30	
Styrene	47.8		"	50.0		95.6	86-126		6.06	30	
tert-Butyl alcohol (TBA)	247		"	250		98.7	70-130		8.01	30	
tert-Butylbenzene	47.5		"	50.0		95.0	80-127		4.90	30	
Tetrachloroethylene	44.0		"	50.0		88.1	80-129		6.86	30	
Toluene	47.8		"	50.0		95.7	85-121		5.08	30	
trans-1,2-Dichloroethylene	49.9		"	50.0		99.8	72-132		4.51	30	
trans-1,3-Dichloropropylene	43.1		"	50.0		86.1	78-132		6.60	30	
Trichloroethylene	49.4		"	50.0		98.9	84-123		6.00	30	
Trichlorofluoromethane	52.1		"	50.0		104	62-140		3.53	30	
Vinyl acetate	43.2		"	50.0		86.5	67-136		9.55	30	
Vinyl Chloride	54.9		"	50.0		110	52-130		3.26	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>48.2</i>		<i>"</i>	<i>50.0</i>		<i>96.5</i>	<i>77-125</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>50.7</i>		<i>"</i>	<i>50.0</i>		<i>101</i>	<i>85-120</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>51.0</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>76-130</i>				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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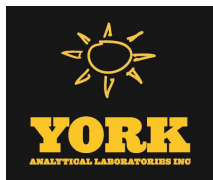
Batch BB10803 - % Solids Prep

Duplicate (BB10803-DUP1)	Duplicate	*Source sample: 21B0345-01 (WC-2)					Prepared & Analyzed: 02/17/2021		
% Solids		85.7	0.100	%		82.7		3.57	20



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21B0345-02	WC-3	40mL Vial with Stir Bar-Cool 4° C
21B0345-03	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
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).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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



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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to cancel VOC & Total Solids on WC-2 (B0345-01)

Field Chain-of-Custody Record

YORK Project No.
21B0345
21B0344

NOTE: YORK's Standard Terms & Conditions apply to 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.

Page 1 of 1[illegible]



Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)

300 Kimball Drive, 4th Floor

Parsipanny NJ, 07054-2172

Attention: Allyson Kritzer

Report Date: 02/19/2021

Client Project ID: 100674402

York Project (SDG) No.: 21B0416



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: 02/19/2021
Client Project ID: 100674402
York Project (SDG) No.: 21B0416

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Allyson Kritzer

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 February 12, 2021 and listed below. The project was identified as your project: **100674402**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
21B0416-01	WC-1A	Soil	02/11/2021	02/12/2021
21B0416-02	WC-1B	Soil	02/11/2021	02/12/2021
21B0416-03	WC-2	Soil	02/11/2021	02/12/2021
21B0416-04	WC-3	Soil	02/11/2021	02/12/2021
21B0416-05	WC-4	Soil	02/11/2021	02/12/2021
21B0416-06	WC-5	Soil	02/11/2021	02/12/2021
21B0416-07	DUP01_20210211	Soil	02/11/2021	02/12/2021
21B0416-08	FIELD BLANK_20210211_WC	Water	02/11/2021	02/12/2021
21B0416-09	TRIP BLANK	Water	02/11/2021	02/12/2021

General Notes for York Project (SDG) No.: 21B0416

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 02/19/2021





Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:30 pm

02/12/2021

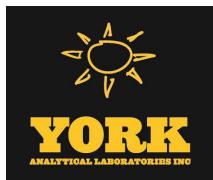
Volatiles, 8260 Comprehensive

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		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 00:58	KHA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 00:58	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:30 pm

Date Received
02/12/2021

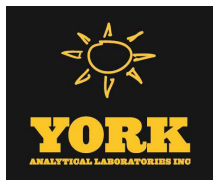
Volatiles, 8260 Comprehensive

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 00:58	KHA
78-93-3	2-Butanone	0.0027	J	mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:30 pm

Date Received
02/12/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:30 pm

Date Received
02/12/2021

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 00:58	KHA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 00:58	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.4 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %	76-130								

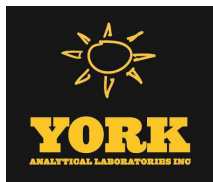
Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 7:30 pm

Date Received

02/12/2021

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:14	LM
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			81-114						

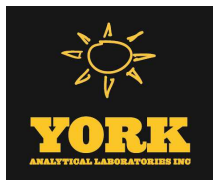
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	0.559		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
105-67-9	2,4-Dimethylphenol	0.113		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:30 pm

Date Received
02/12/2021

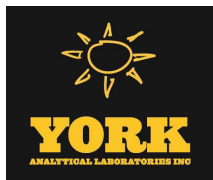
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
91-57-6	2-Methylnaphthalene	2.93		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
95-48-7	2-Methylphenol	0.0642	J	mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
65794-96-9	3- & 4-Methylphenols	0.142		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
83-32-9	Acenaphthene	3.10		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
208-96-8	Acenaphthylene	0.683		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
62-53-3	Aniline	ND		mg/kg dry	0.196	0.392	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:30 pm

02/12/2021

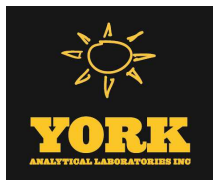
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	5.82		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.392	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
56-55-3	Benzo(a)anthracene	10.6		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
50-32-8	Benzo(a)pyrene	8.44		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
205-99-2	Benzo(b)fluoranthene	7.66		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
191-24-2	Benzo(g,h,i)perylene	4.81		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
207-08-9	Benzo(k)fluoranthene	6.60		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0979	0.196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
86-74-8	Carbazole	2.23		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
218-01-9	Chrysene	10.1		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
53-70-3	Dibenzo(a,h)anthracene	1.78		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
132-64-9	Dibenzofuran	2.30		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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21B0416

100674402

Soil

February 11, 2021 7:30 pm

02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
206-44-0	Fluoranthene	24.2		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
86-73-7	Fluorene	4.89		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	4.43		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
91-20-3	Naphthalene	5.59		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
85-01-8	Phenanthrene	26.1		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
108-95-2	Phenol	ND		mg/kg dry	0.0491	0.0979	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
129-00-0	Pyrene	20.7		mg/kg dry	0.491	0.979	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 17:35	KH
110-86-1	Pyridine	ND		mg/kg dry	0.196	0.392	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 13:31	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

Client Project ID

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21B0416

100674402

Soil

February 11, 2021 7:30 pm

02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	64.0 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	64.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	77.9 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	72.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	91.5 %			24-116						

Semivolatiles, TCLP RCRA

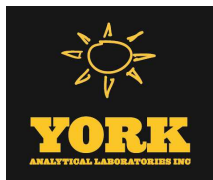
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

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/L	2.50	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
1319-77-3	Cresols, total	ND		ug/L	10.0	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/18/2021 07:05	02/19/2021 11:27	CD
118-74-1	Hexachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
67-72-1	Hexachloroethane	ND		ug/L	1.25	2.50	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
98-95-3	Nitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
87-86-5	Pentachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	70.6 %	10-90.9
4165-62-2	Surrogate: SURR: Phenol-d5	58.3 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	93.4 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	91.0 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	114 %	23-163



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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21B0416

100674402

Soil

February 11, 2021 7:30 pm

02/12/2021

Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	113 %	S-08		25.8-110						

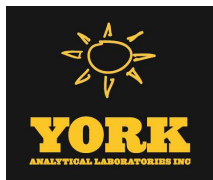
Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 10:52	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	02/16/2021 13:51	02/18/2021 10:52	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
72-20-8	Endrin	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 10:52	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:30 pm

Date Received
02/12/2021

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.194	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 10:52	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0387	5	EPA 8081B Certifications:	02/16/2021 13:51	02/18/2021 10:52	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	110 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	59.8 %								

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:19	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:19	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:19	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:19	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:19	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:19	CM
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	95.3 %		30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	74.3 %		30-150							

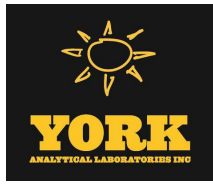
Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:00	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:00	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:00	BJ



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 7:30 pm

Date Received

02/12/2021

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:00	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:00	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:00	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:00	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A Certifications:	02/16/2021 13:51	02/17/2021 14:00	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	69.0 %								

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0195	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 22:41	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0195	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 22:41	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0195	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 22:41	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (. 50.6 %									

Herbicides, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:01	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:01	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (. 60.8 %									

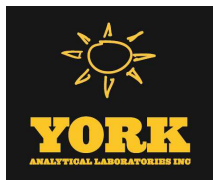
NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE		RICHMOND HILL, NY 11418	
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166		ClientServices@yorklab.com	



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:30 pm

Date Received
02/12/2021

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	103		mg/kg dry	58.1	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/16/2021 07:19	02/16/2021 19:14	SGM
	Surrogate Recoveries	Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	49.4 %		31.6-128						
84-15-1	Surrogate: o-Terphenyl	46.8 %		28.7-124						

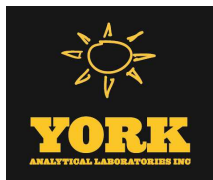
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9800		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-38-2	Arsenic	2.28		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-39-3	Barium	89.7		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.356	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-70-2	Calcium	3770	B	mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-47-3	Chromium	21.3		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-48-4	Cobalt	7.51		mg/kg dry	0.474	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-50-8	Copper	28.3		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7439-89-6	Iron	15300		mg/kg dry	29.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7439-92-1	Lead	128		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7439-95-4	Magnesium	3070		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7439-96-5	Manganese	215		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-02-0	Nickel	18.2		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:30 pm

Date Received
02/12/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	1740	B	mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-22-4	Silver	ND		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-23-5	Sodium	292		mg/kg dry	59.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-62-2	Vanadium	20.1		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM
7440-66-6	Zinc	80.1	B	mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:07	WJM

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:19	WJM
7440-39-3	Barium	0.679		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:19	WJM
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:19	WJM
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:19	WJM
7439-92-1	Lead	0.693		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:19	WJM
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:19	WJM
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:19	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

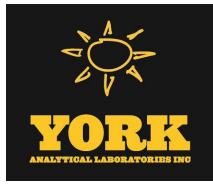
Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.717		mg/kg dry	0.0356	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/19/2021 12:59	02/19/2021 14:09	BR

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 7:30 pm

Date Received

02/12/2021

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/18/2021 19:51	02/18/2021 19:51	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.593	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	02/15/2021 08:45	02/15/2021 16:56	JAG

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	21.3		mg/kg	0.500	1	Calculation Certifications:	02/19/2021 11:39	02/19/2021 12:40	PAM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.61		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/15/2021 15:42	02/15/2021 17:05	OT

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.593	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/17/2021 08:46	02/17/2021 15:40	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/17/2021 15:43	02/17/2021 15:44	JAG

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/17/2021 15:44	02/17/2021 15:45	JAG

Temperature

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-1A

York Sample ID: 21B0416-01

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 7:30 pm

Date Received

02/12/2021

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	23.2		°C	1.00	1	EPA 170.1 Certifications:	02/15/2021 15:42	02/15/2021 17:05	OT

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	02/12/2021 15:23	02/12/2021 16:08	ZTS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.4		%	0.100	1	SM 2540G Certifications: CTDOH	02/12/2021 16:03	02/12/2021 19:36	BR

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 16:19	02/16/2021 15:25	TAJ

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 16:16	02/16/2021 15:19	TAJ

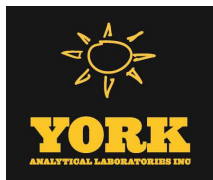
TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 16:19	02/17/2021 12:36	TAJ



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

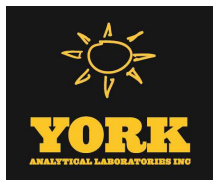
Volatiles, 8260 Comprehensive

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		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 01:23	KHA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 01:23	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
95-63-6	1,2,4-Trimethylbenzene	0.0057		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
108-67-8	1,3,5-Trimethylbenzene	0.0025	J	mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

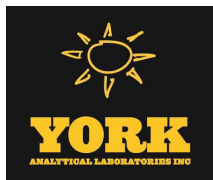
Volatiles, 8260 Comprehensive

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 01:23	KHA
78-93-3	2-Butanone	0.0046		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
67-64-1	Acetone	0.016		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
100-41-4	Ethyl Benzene	0.0032	J	mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
95-47-6	o-Xylene	0.0033	J	mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
179601-23-1	p- & m- Xylenes	0.0054	J	mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
108-88-3	Toluene	0.0023	J	mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:23	KHA
1330-20-7	Xylenes, Total	0.0088	J	mg/kg dry	0.0064	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 01:23	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.4 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	108 %	76-130								

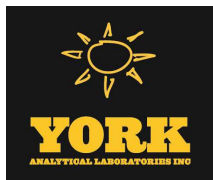
Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

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Soil

February 11, 2021 7:35 pm

02/12/2021

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 14:40	LM
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	99.8 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			81-114						

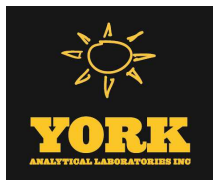
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	1.40		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
105-67-9	2,4-Dimethylphenol	0.268		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

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February 11, 2021 7:35 pm

02/12/2021

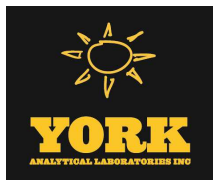
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
91-57-6	2-Methylnaphthalene	9.68		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
95-48-7	2-Methylphenol	0.187		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
65794-96-9	3- & 4-Methylphenols	0.396		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
83-32-9	Acenaphthene	10.7		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
208-96-8	Acenaphthylene	1.17		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
62-53-3	Aniline	ND		mg/kg dry	0.196	0.393	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

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Soil

February 11, 2021 7:35 pm

02/12/2021

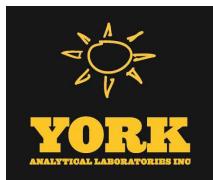
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	14.1		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.393	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
56-55-3	Benzo(a)anthracene	25.9		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
50-32-8	Benzo(a)pyrene	22.5		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
205-99-2	Benzo(b)fluoranthene	21.4		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
191-24-2	Benzo(g,h,i)perylene	13.7		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
207-08-9	Benzo(k)fluoranthene	16.9		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0980	0.196	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
86-74-8	Carbazole	8.81		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
218-01-9	Chrysene	23.6		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
53-70-3	Dibenzo(a,h)anthracene	5.54		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
132-64-9	Dibenzofuran	7.97		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.
21B0416

Client Project ID
100674402

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February 11, 2021 7:35 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
206-44-0	Fluoranthene	59.4		mg/kg dry	1.23	2.45	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/19/2021 11:28	KH
86-73-7	Fluorene	12.6		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	12.6		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
91-20-3	Naphthalene	16.9		mg/kg dry	0.614	1.23	25	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:04	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
85-01-8	Phenanthrene	58.3		mg/kg dry	1.23	2.45	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/19/2021 11:28	KH
108-95-2	Phenol	ND		mg/kg dry	0.0491	0.0980	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
129-00-0	Pyrene	46.7		mg/kg dry	1.23	2.45	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/19/2021 11:28	KH
110-86-1	Pyridine	ND		mg/kg dry	0.196	0.393	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:01	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	68.5 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	68.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	82.1 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	77.7 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	79.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	96.6 %			24-116						

Semivolatiles, TCLP RCRA

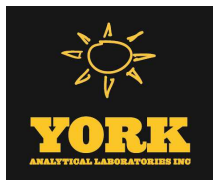
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

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/L	2.50	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
65794-96-9	3- & 4-Methylphenols	4.25	J	ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
1319-77-3	Cresols, total	ND		ug/L	10.0	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/18/2021 07:05	02/19/2021 11:58	CD
118-74-1	Hexachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
67-72-1	Hexachloroethane	ND		ug/L	1.25	2.50	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
98-95-3	Nitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
87-86-5	Pentachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:58	CD

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	66.5 %	10-90.9
4165-62-2	Surrogate: SURR: Phenol-d5	53.8 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	89.2 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	88.1 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	111 %	23-163



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	110 %			25.8-110						

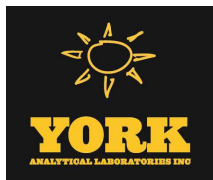
Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 11:09	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	02/16/2021 13:51	02/18/2021 11:09	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 11:09	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:09	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0387	5	EPA 8081B Certifications:	02/16/2021 13:51	02/18/2021 11:09	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	97.1 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	55.9 %								

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:36	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:36	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:36	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:36	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:36	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:36	CM
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	85.8 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	60.1 %	30-150								

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:13	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:13	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:13	BJ



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 7:35 pm

Date Received

02/12/2021

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:13	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:13	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:13	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:13	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/16/2021 13:51	02/17/2021 14:13	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	71.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	56.5 %	30-120							

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0197	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:13	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0197	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:13	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0197	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:13	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	62.6 %	21-150							

Herbicides, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:11	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:11	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	57.6 %	10-130							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

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February 11, 2021 7:35 pm

Date Received

02/12/2021

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	278		mg/kg dry	59.0	1	NJDEP EPH Rev 3.0	02/16/2021 07:19	02/16/2021 19:44	SGM
							Certifications: NJDEP			
	Surrogate Recoveries	Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	36.0 %		31.6-128						
84-15-1	Surrogate: o-Terphenyl	32.6 %		28.7-124						

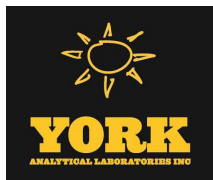
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9450		mg/kg dry	5.96	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.98	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	3.05		mg/kg dry	1.79	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	78.6		mg/kg dry	2.98	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.357	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	2090	B	mg/kg dry	5.96	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	13.5		mg/kg dry	0.596	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	5.99		mg/kg dry	0.477	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	25.4		mg/kg dry	2.38	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	16100		mg/kg dry	29.8	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	9340		mg/kg dry	0.596	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	2370		mg/kg dry	5.96	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	185		mg/kg dry	0.596	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	14.2		mg/kg dry	1.19	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:10	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	910	B	mg/kg dry	5.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:10	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:10	WJM
7440-22-4	Silver	ND		mg/kg dry	0.596	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:10	WJM
7440-23-5	Sodium	163		mg/kg dry	59.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:10	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:10	WJM
7440-62-2	Vanadium	21.7		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:10	WJM
7440-66-6	Zinc	44.4	B	mg/kg dry	2.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:10	WJM

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:22	WJM
7440-39-3	Barium	0.881		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:22	WJM
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:22	WJM
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:22	WJM
7439-92-1	Lead	20.8		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:22	WJM
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:22	WJM
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:22	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

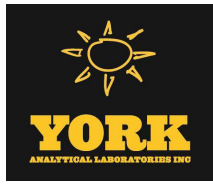
Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.251		mg/kg dry	0.0357	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/19/2021 12:59	02/19/2021 14:16	BR

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 7:35 pm

Date Received

02/12/2021

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/18/2021 19:51	02/18/2021 19:51	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.596	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	02/15/2021 08:45	02/15/2021 16:56	JAG

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	13.5		mg/kg	0.500	1	Calculation Certifications:	02/19/2021 11:39	02/19/2021 12:40	PAM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.85		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/15/2021 15:42	02/15/2021 17:05	OT

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.596	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/17/2021 08:46	02/17/2021 15:40	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/17/2021 15:43	02/17/2021 15:44	JAG

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/17/2021 15:44	02/17/2021 15:45	JAG

Temperature

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-1B

York Sample ID: 21B0416-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.6		°C	1.00	1	EPA 170.1	02/15/2021 15:42	02/15/2021 17:05	OT
Certifications:										

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	02/12/2021 15:23	02/12/2021 16:08	ZTS
Certifications:										

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.9		%	0.100	1	SM 2540G	02/12/2021 16:03	02/12/2021 19:36	BR
Certifications: CTDOH										

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:19	02/16/2021 15:25	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:16	02/16/2021 15:19	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

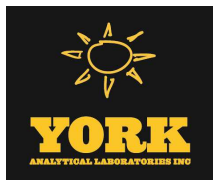
TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/16/2021 16:19	02/17/2021 12:36	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 4:45 pm

02/12/2021

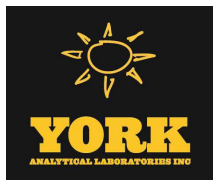
Volatiles, 8260 Comprehensive

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		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 01:49	KHA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 01:49	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 4:45 pm

02/12/2021

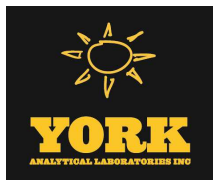
Volatiles, 8260 Comprehensive

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 01:49	KHA
78-93-3	2-Butanone	0.0031	J	mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
67-64-1	Acetone	0.027		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-15-0	Carbon disulfide	0.0021	J	mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 4:45 pm

02/12/2021

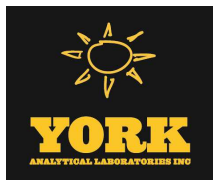
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
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Collection Date/Time
February 11, 2021 4:45 pm

Date Received
02/12/2021

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 01:49	KHA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 01:49	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.3 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	112 %	76-130								

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 4:45 pm

Date Received

02/12/2021

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:07	LM
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.5 %	65-135								
2037-26-5	Surrogate: SURR: Toluene-d8	99.2 %	86-118								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	81-114								

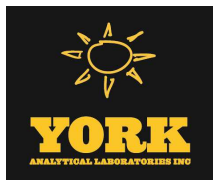
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

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Soil

February 11, 2021 4:45 pm

02/12/2021

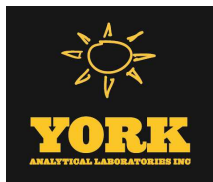
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
91-57-6	2-Methylnaphthalene	0.0734	J	mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
83-32-9	Acenaphthene	0.0751	J	mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
62-53-3	Aniline	ND		mg/kg dry	0.211	0.423	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

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Matrix

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21B0416

100674402

Soil

February 11, 2021 4:45 pm

02/12/2021

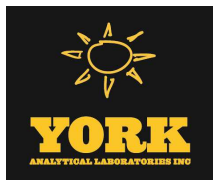
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	0.116		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
92-87-5	Benzidine	ND		mg/kg dry	0.211	0.423	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
56-55-3	Benzo(a)anthracene	0.219		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
50-32-8	Benzo(a)pyrene	0.214		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
205-99-2	Benzo(b)fluoranthene	0.187		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
191-24-2	Benzo(g,h,i)perylene	0.154		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
207-08-9	Benzo(k)fluoranthene	0.161		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.211	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
86-74-8	Carbazole	0.0667	J	mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
218-01-9	Chrysene	0.206		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
132-64-9	Dibenzofuran	0.0574	J	mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 4:45 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
206-44-0	Fluoranthene	0.520		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
86-73-7	Fluorene	0.0928	J	mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.128		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
91-20-3	Naphthalene	0.137		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
85-01-8	Phenanthrene	0.526		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
129-00-0	Pyrene	0.409		mg/kg dry	0.0529	0.106	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
110-86-1	Pyridine	ND		mg/kg dry	0.211	0.423	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 14:31	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 4:45 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	52.8 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	62.7 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.1 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	64.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.4 %			24-116						

Semivolatiles, TCLP RCRA

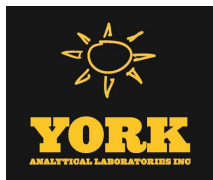
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

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/L	2.50	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
1319-77-3	Cresols, total	ND		ug/L	10.0	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/18/2021 07:05	02/19/2021 12:29	CD
118-74-1	Hexachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
67-72-1	Hexachloroethane	ND		ug/L	1.25	2.50	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
98-95-3	Nitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
87-86-5	Pentachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 12:29	CD

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	61.3 %	10-90.9
4165-62-2	Surrogate: SURR: Phenol-d5	49.3 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	79.6 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	78.6 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	93.9 %	23-163



Sample Information

Client Sample ID: WC-2

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York Project (SDG) No.

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February 11, 2021 4:45 pm

02/12/2021

Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	99.3 %			25.8-110						

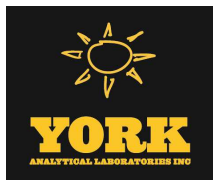
Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 11:26	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	02/16/2021 13:51	02/18/2021 11:26	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
72-20-8	Endrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 11:26	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 4:45 pm

Date Received
02/12/2021

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:26	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0414	5	EPA 8081B Certifications:	02/16/2021 13:51	02/18/2021 11:26	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	119 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	67.9 %								

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:53	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:53	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:53	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:53	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:53	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 08:53	CM
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	98.6 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	83.9 %	30-150								

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:27	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:27	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:27	BJ



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 4:45 pm

Date Received

02/12/2021

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:27	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:27	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:27	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:27	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	02/16/2021 13:51	02/17/2021 14:27	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	82.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	74.0 %	30-120							

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:24	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:24	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:24	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	65.8 %	21-150							

Herbicides, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:22	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:22	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	52.0 %	10-130							

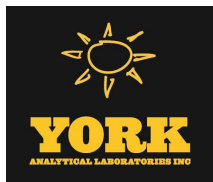
NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 4:45 pm

Date Received

02/12/2021

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	62.3	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/16/2021 07:19	02/16/2021 20:13	SGM
	Surrogate Recoveries	Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	40.2 %		31.6-128						
84-15-1	Surrogate: o-Terphenyl	39.3 %		28.7-124						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14900		mg/kg dry	6.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-38-2	Arsenic	ND		mg/kg dry	1.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-39-3	Barium	116		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.064	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.381	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-70-2	Calcium	7470	B	mg/kg dry	6.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-47-3	Chromium	21.5		mg/kg dry	0.635	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-48-4	Cobalt	11.3		mg/kg dry	0.508	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-50-8	Copper	27.8		mg/kg dry	2.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7439-89-6	Iron	23900		mg/kg dry	31.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7439-92-1	Lead	81.6		mg/kg dry	0.635	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7439-95-4	Magnesium	4580		mg/kg dry	6.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7439-96-5	Manganese	522		mg/kg dry	0.635	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-02-0	Nickel	22.9		mg/kg dry	1.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 4:45 pm

Date Received
02/12/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	2780	B	mg/kg dry	6.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-22-4	Silver	ND		mg/kg dry	0.635	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-23-5	Sodium	637		mg/kg dry	63.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-62-2	Vanadium	30.9		mg/kg dry	1.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM
7440-66-6	Zinc	75.4	B	mg/kg dry	3.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:13	WJM

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:25	WJM
7440-39-3	Barium	0.719		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:25	WJM
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:25	WJM
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:25	WJM
7439-92-1	Lead	1.39		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:25	WJM
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:25	WJM
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:25	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

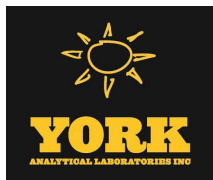
Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.214		mg/kg dry	0.0381	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/19/2021 12:59	02/19/2021 14:25	BR

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 4:45 pm

02/12/2021

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/18/2021 19:51	02/18/2021 19:51	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.635	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	02/15/2021 08:45	02/15/2021 16:56	JAG

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	21.5		mg/kg	0.500	1	Calculation Certifications:	02/19/2021 11:39	02/19/2021 12:40	PAM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.82		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/15/2021 15:42	02/15/2021 17:05	OT

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.635	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/17/2021 08:46	02/17/2021 15:40	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/17/2021 15:43	02/17/2021 15:44	JAG

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/17/2021 15:44	02/17/2021 15:45	JAG

Temperature

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-2

York Sample ID: 21B0416-03

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 4:45 pm

Date Received
02/12/2021

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.3		°C	1.00	1	EPA 170.1	02/15/2021 15:42	02/15/2021 17:05	OT
Certifications:										

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	02/12/2021 15:23	02/12/2021 16:08	ZTS
Certifications:										

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.7		%	0.100	1	SM 2540G	02/12/2021 16:03	02/12/2021 19:36	BR
Certifications: CTDOH										

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:19	02/16/2021 15:25	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:16	02/16/2021 15:19	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/16/2021 16:19	02/17/2021 12:36	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 3:05 pm

Date Received
02/12/2021

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:33	LM
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.0 %	65-135								
2037-26-5	Surrogate: SURR: Toluene-d8	99.3 %	86-118								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	81-114								

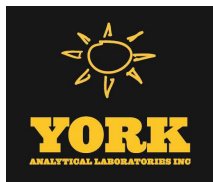
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 3:05 pm

02/12/2021

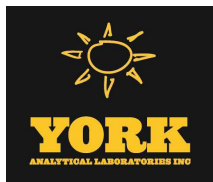
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
65794-96-9	3- & 4-Methylphenols	0.0674	J	mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 3:05 pm

02/12/2021

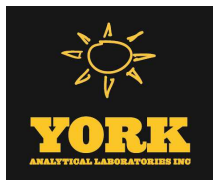
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
62-53-3	Aniline	ND		mg/kg dry	0.201	0.402	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.402	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
85-68-7	Benzyl butyl phthalate	0.595		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 3:05 pm

Date Received
02/12/2021

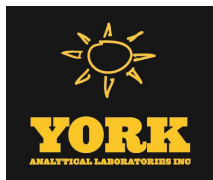
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 3:05 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
108-95-2	Phenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
110-86-1	Pyridine	ND		mg/kg dry	0.201	0.402	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:00	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	76.1 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	75.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	89.7 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	83.8 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	102 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	103 %	24-116								

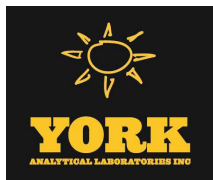
Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

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/L	2.50	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
1319-77-3	Cresols, total	ND		ug/L	10.0	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/18/2021 07:05	02/19/2021 10:25	CD
118-74-1	Hexachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

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Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
67-72-1	Hexachloroethane	ND		ug/L	1.25	2.50	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
98-95-3	Nitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
87-86-5	Pentachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:25	CD
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	72.5 %			10-90.9						
4165-62-2	Surrogate: SURR: Phenol-d5	56.8 %			10-69.2						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	105 %			19.2-141						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	99.9 %			24.8-127						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	136 %			23-163						
1718-51-0	Surrogate: SURR: Terphenyl-d14	126 %	S-08		25.8-110						

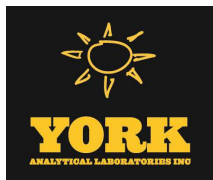
Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 11:42	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.

Client Project ID

Matrix

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21B0416

100674402

Soil

February 11, 2021 3:05 pm

02/12/2021

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	02/16/2021 13:51	02/18/2021 11:42	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
72-20-8	Endrin	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 11:42	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.197	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:42	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0393	5	EPA 8081B Certifications:	02/16/2021 13:51	02/18/2021 11:42	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	109 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	63.8 %	30-150							

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:10	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:10	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:10	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:10	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:10	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:10	CM



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.

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100674402

Soil

February 11, 2021 3:05 pm

02/12/2021

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	96.8 %									
877-09-8	Surrogate: Tetrachloro-m-xylene	83.2 %									

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:40	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:40	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:40	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:40	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:40	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:40	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:40	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0199	1	EPA 8082A Certifications:	02/16/2021 13:51	02/17/2021 14:40	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	61.0 %								

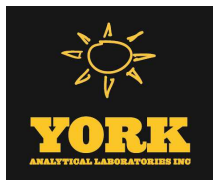
Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0199	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:34	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0199	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:34	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0199	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:34	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	79.6 %								



Sample Information

Client Sample ID: WC-3

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February 11, 2021 3:05 pm

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Herbicides, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:33	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:33	BJ
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (.	58.8 %		10-130						

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	77.9		mg/kg dry	59.4	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/16/2021 07:19	02/16/2021 20:42	SGM
Surrogate Recoveries		Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	56.0 %		31.6-128						
84-15-1	Surrogate: o-Terphenyl	53.9 %		28.7-124						

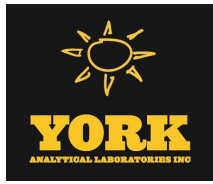
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11100		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-38-2	Arsenic	2.04		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-39-3	Barium	71.4		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.363	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-70-2	Calcium	1840	B	mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-47-3	Chromium	16.6		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-48-4	Cobalt	7.34		mg/kg dry	0.485	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-50-8	Copper	14.7		mg/kg dry	2.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 3:05 pm

Date Received

02/12/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	16700		mg/kg dry	30.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7439-92-1	Lead	31.8		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7439-95-4	Magnesium	3170		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7439-96-5	Manganese	248		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-02-0	Nickel	17.0		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-09-7	Potassium	1380	B	mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-22-4	Silver	ND		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-23-5	Sodium	504		mg/kg dry	60.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-62-2	Vanadium	22.4		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM
7440-66-6	Zinc	44.8	B	mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:16	WJM

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:28	WJM
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:28	WJM
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:28	WJM
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:28	WJM
7439-92-1	Lead	0.358		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:28	WJM
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:28	WJM
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:28	WJM



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 3:05 pm

Date Received

02/12/2021

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.124		mg/kg dry	0.0363	1	EPA 7473	02/19/2021 12:59	02/19/2021 14:34	BR
Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP										

Mercury, TCLP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311	02/18/2021 19:51	02/18/2021 19:51	AA
Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854										

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.606	1	EPA 7196A	02/15/2021 08:45	02/15/2021 16:56	JAG
Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP										

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.6		mg/kg	0.500	1	Calculation	02/19/2021 11:39	02/19/2021 12:40	PAM
Certifications:										

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.08		pH units	0.500	1	EPA 9045D	02/15/2021 15:42	02/15/2021 17:05	OT
Certifications: NELAC-NY10854,CTDOH,PADEP										

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.606	1	EPA 9014/9010C	02/17/2021 08:46	02/17/2021 15:40	JAG
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

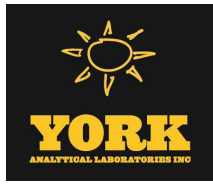
Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3	02/17/2021 15:43	02/17/2021 15:44	JAG
Certifications: CTDOH,PADEP										



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 3:05 pm

Date Received

02/12/2021

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/17/2021 15:44	02/17/2021 15:45	JAG

Temperature

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.5		°C	1.00	1	EPA 170.1 Certifications:	02/15/2021 15:42	02/15/2021 17:05	OT

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P Certifications:	02/12/2021 15:23	02/12/2021 16:08	ZTS

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.5		%	0.100	1	SM 2540G Certifications: CTDOH	02/12/2021 16:03	02/12/2021 19:36	BR

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 16:19	02/16/2021 15:25	TAJ

TCLP Extraction for SVOCs/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 16:16	02/16/2021 15:19	TAJ

TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 16:19	02/17/2021 12:36	TAJ



Sample Information

Client Sample ID: WC-3

York Sample ID: 21B0416-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

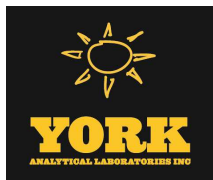
21B0416

100674402

Soil

February 11, 2021 3:05 pm

02/12/2021



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 1:45 pm

02/12/2021

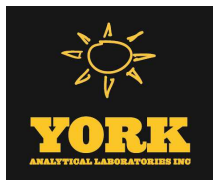
Volatiles, 8260 Comprehensive

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		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 02:14	KHA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 02:14	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 1:45 pm

Date Received
02/12/2021

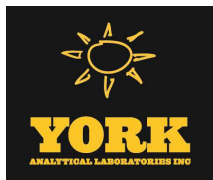
Volatiles, 8260 Comprehensive

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 02:14	KHA
78-93-3	2-Butanone	0.0049		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
67-64-1	Acetone	0.018		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.
21B0416

Client Project ID
100674402

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Soil

Collection Date/Time
February 11, 2021 1:45 pm

Date Received
02/12/2021

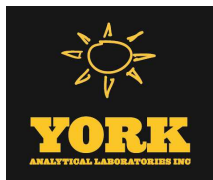
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.
21B0416

Client Project ID
100674402

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Collection Date/Time
February 11, 2021 1:45 pm

Date Received
02/12/2021

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:14	KHA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 02:14	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.5 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.7 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	109 %	76-130								

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 1:45 pm

02/12/2021

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 15:59	LM
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	99.2 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			81-114						

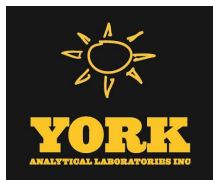
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 1:45 pm

02/12/2021

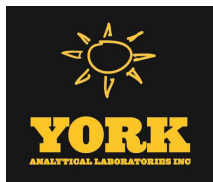
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
62-53-3	Aniline	ND		mg/kg dry	0.198	0.395	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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21B0416

100674402

Soil

February 11, 2021 1:45 pm

02/12/2021

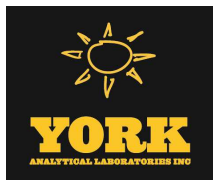
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
92-87-5	Benzidine	ND		mg/kg dry	0.198	0.395	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0987	0.197	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.
21B0416

Client Project ID
100674402

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Soil

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February 11, 2021 1:45 pm

Date Received
02/12/2021

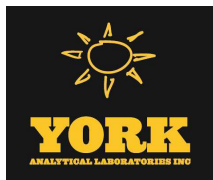
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
206-44-0	Fluoranthene	0.106		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
85-01-8	Phenanthrene	0.118		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
108-95-2	Phenol	ND		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
129-00-0	Pyrene	0.110		mg/kg dry	0.0495	0.0987	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
110-86-1	Pyridine	ND		mg/kg dry	0.198	0.395	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 15:30	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 1:45 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	54.9 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	54.7 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	69.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	62.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	63.6 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	75.4 %			24-116						

Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

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/L	2.50	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
1319-77-3	Cresols, total	ND		ug/L	10.0	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/18/2021 07:05	02/19/2021 10:56	CD
118-74-1	Hexachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
67-72-1	Hexachloroethane	ND		ug/L	1.25	2.50	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
98-95-3	Nitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
87-86-5	Pentachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 10:56	CD

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	64.8 %	10-90.9
4165-62-2	Surrogate: SURR: Phenol-d5	48.8 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	86.2 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	82.4 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	112 %	23-163



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

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21B0416

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February 11, 2021 1:45 pm

Date Received
02/12/2021

Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	106 %			25.8-110						

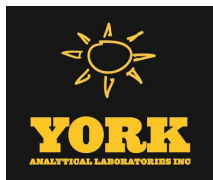
Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 11:59	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	02/16/2021 13:51	02/18/2021 11:59	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 11:59	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 1:45 pm

Date Received
02/12/2021

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 11:59	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0387	5	EPA 8081B Certifications:	02/16/2021 13:51	02/18/2021 11:59	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	95.9 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	69.3 %					30-150			

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:27	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:27	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:27	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:27	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:27	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:27	CM
Surrogate Recoveries		Result		Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	28.3 %			30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.6 %			30-150						

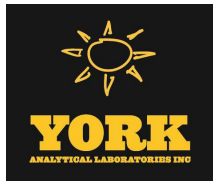
Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:54	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:54	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:54	BJ



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 1:45 pm

Date Received

02/12/2021

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:54	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:54	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:54	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 14:54	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	02/16/2021 13:51	02/17/2021 14:54	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	69.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	62.0 %	30-120							

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0199	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:45	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0199	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:45	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0199	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:45	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (. 42.8 %		21-150							

Herbicides, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:44	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:44	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (. 63.8 %		10-130							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 1:45 pm

Date Received

02/12/2021

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	133		mg/kg dry	56.2	1	NJDEP EPH Rev 3.0	02/16/2021 07:19	02/16/2021 21:12	SGM
							Certifications: NJDEP			
	Surrogate Recoveries	Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	61.2 %		31.6-128						
84-15-1	Surrogate: o-Terphenyl	60.6 %		28.7-124						

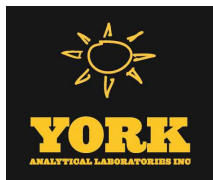
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9180		mg/kg dry	6.02	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.01	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.81	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	66.0		mg/kg dry	3.01	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.361	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	13200	B	mg/kg dry	6.02	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	14.2		mg/kg dry	0.602	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	6.63		mg/kg dry	0.481	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	15.2		mg/kg dry	2.41	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	15900		mg/kg dry	30.1	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	36.6		mg/kg dry	0.602	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	2860		mg/kg dry	6.02	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	264		mg/kg dry	0.602	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	14.3		mg/kg dry	1.20	1	EPA 6010D	02/12/2021 20:08	02/18/2021 13:19	WJM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 1:45 pm

Date Received
02/12/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	1190	B	mg/kg dry	6.02	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:19	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:19	WJM
7440-22-4	Silver	ND		mg/kg dry	0.602	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:19	WJM
7440-23-5	Sodium	641		mg/kg dry	60.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:19	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:19	WJM
7440-62-2	Vanadium	20.0		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:19	WJM
7440-66-6	Zinc	61.0	B	mg/kg dry	3.01	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:19	WJM

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:31	WJM
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:31	WJM
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:31	WJM
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:31	WJM
7439-92-1	Lead	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:31	WJM
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:31	WJM
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:31	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

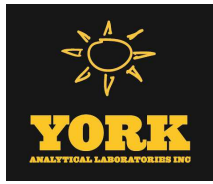
Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.150		mg/kg dry	0.0361	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/19/2021 12:59	02/19/2021 14:42	BR

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 1:45 pm

Date Received

02/12/2021

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/18/2021 19:51	02/18/2021 19:51	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.602	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	02/15/2021 08:45	02/15/2021 16:56	JAG

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.2		mg/kg	0.500	1	Calculation Certifications:	02/19/2021 11:39	02/19/2021 12:40	PAM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	9.09		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/15/2021 15:42	02/15/2021 17:05	OT

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.602	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/17/2021 08:46	02/17/2021 15:40	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/17/2021 15:43	02/17/2021 15:44	JAG

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/17/2021 15:44	02/17/2021 15:45	JAG

Temperature

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-4

York Sample ID: 21B0416-05

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 1:45 pm

Date Received

02/12/2021

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.0		°C	1.00	1	EPA 170.1	02/15/2021 15:42	02/15/2021 17:05	OT
Certifications:										

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	02/12/2021 15:23	02/12/2021 16:08	ZTS
Certifications:										

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.1		%	0.100	1	SM 2540G	02/12/2021 16:03	02/12/2021 19:36	BR
Certifications: CTDOH										

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:19	02/16/2021 15:25	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:16	02/16/2021 15:19	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

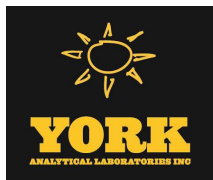
TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/16/2021 16:19	02/17/2021 12:36	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 3:45 pm

02/12/2021

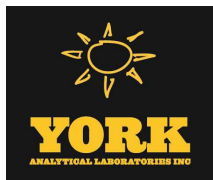
Volatiles, 8260 Comprehensive

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		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 02:40	KHA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 02:40	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
107-06-2	1,2-Dichloroethane	0.0053	J	mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 3:45 pm

Date Received
02/12/2021

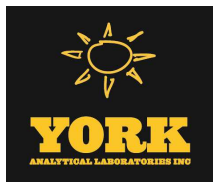
Volatiles, 8260 Comprehensive

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.085	0.17	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 02:40	KHA
78-93-3	2-Butanone	0.017		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
67-64-1	Acetone	0.060		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
107-02-8	Acrolein	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
71-43-2	Benzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-25-2	Bromoform	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
74-83-9	Bromomethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-00-3	Chloroethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
67-66-3	Chloroform	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
74-87-3	Chloromethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 3:45 pm

02/12/2021

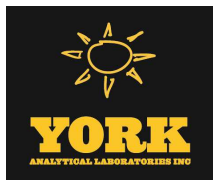
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
95-47-6	o-Xylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
100-42-5	Styrene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 3:45 pm

Date Received
02/12/2021

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
108-88-3	Toluene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0043	0.0085	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 02:40	KHA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.026	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 02:40	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.2 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	100 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	111 %	76-130								

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.

21B0416

Client Project ID

100674402

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Collection Date/Time

February 11, 2021 3:45 pm

Date Received

02/12/2021

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:25	LM
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	100 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	98.8 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			81-114						

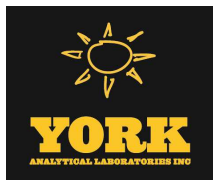
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.
21B0416

Client Project ID
100674402

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February 11, 2021 3:45 pm

Date Received
02/12/2021

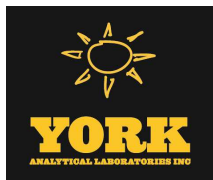
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
62-53-3	Aniline	ND		mg/kg dry	0.203	0.405	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.
21B0416

Client Project ID
100674402

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Soil

Collection Date/Time
February 11, 2021 3:45 pm

Date Received
02/12/2021

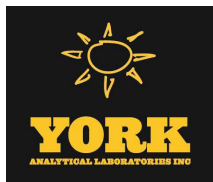
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.405	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
50-32-8	Benzo(a)pyrene	0.0582	J	mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 3:45 pm

02/12/2021

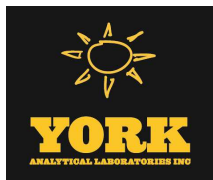
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
108-95-2	Phenol	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0507	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
110-86-1	Pyridine	ND		mg/kg dry	0.203	0.405	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:00	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 3:45 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	45.5 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	46.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	58.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	51.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	59.8 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	62.8 %			24-116						

Semivolatiles, TCLP RCRA

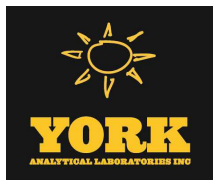
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

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/L	2.50	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
1319-77-3	Cresols, total	ND		ug/L	10.0	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/18/2021 07:05	02/19/2021 11:27	CD
118-74-1	Hexachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
67-72-1	Hexachloroethane	ND		ug/L	1.25	2.50	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
98-95-3	Nitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
87-86-5	Pentachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:27	CD

Surrogate Recoveries		Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	69.1 %	10-90.9
4165-62-2	Surrogate: SURR: Phenol-d5	55.3 %	10-69.2
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	95.9 %	19.2-141
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	94.3 %	24.8-127
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	138 %	23-163



Sample Information

Client Sample ID: WC-5

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York Project (SDG) No.
21B0416

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100674402

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February 11, 2021 3:45 pm

Date Received
02/12/2021

Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	127 %	S-08		25.8-110						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 12:16	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	02/16/2021 13:51	02/18/2021 12:16	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
72-20-8	Endrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 12:16	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.
21B0416

Client Project ID
100674402

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Collection Date/Time
February 11, 2021 3:45 pm

Date Received
02/12/2021

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:16	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0396	5	EPA 8081B Certifications:	02/16/2021 13:51	02/18/2021 12:16	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	104 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	52.2 %								

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:44	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:44	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:44	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:44	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:44	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 09:44	CM
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	103 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	88.0 %	30-150								

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:08	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:08	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:08	BJ



Sample Information

Client Sample ID: WC-5

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21B0416

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February 11, 2021 3:45 pm

Date Received

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Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:08	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:08	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:08	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:08	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications:	02/16/2021 13:51	02/17/2021 15:08	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	68.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	63.0 %	30-120							

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0202	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:56	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0202	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:56	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0202	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/17/2021 23:56	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	71.2 %	21-150							

Herbicides, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:54	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 13:54	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	59.2 %	10-130							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: WC-5

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Collection Date/Time

February 11, 2021 3:45 pm

Date Received

02/12/2021

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/kg dry	60.7	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/16/2021 07:19	02/16/2021 21:41	SGM
	Surrogate Recoveries	Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	66.0 %		31.6-128						
84-15-1	Surrogate: o-Terphenyl	66.8 %		28.7-124						

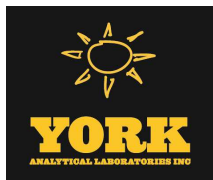
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9030		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-38-2	Arsenic	ND		mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-39-3	Barium	57.2		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.368	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-70-2	Calcium	1710	B	mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-47-3	Chromium	13.1		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-48-4	Cobalt	7.86		mg/kg dry	0.490	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-50-8	Copper	16.5		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7439-89-6	Iron	14200		mg/kg dry	30.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7439-92-1	Lead	23.8		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7439-95-4	Magnesium	3230		mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7439-96-5	Manganese	172		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-02-0	Nickel	15.0		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 3:45 pm

Date Received
02/12/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	2070	B	mg/kg dry	6.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-22-4	Silver	ND		mg/kg dry	0.613	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-23-5	Sodium	567		mg/kg dry	61.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-62-2	Vanadium	18.8		mg/kg dry	1.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM
7440-66-6	Zinc	37.7	B	mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:22	WJM

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:35	WJM
7440-39-3	Barium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:35	WJM
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:35	WJM
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:35	WJM
7439-92-1	Lead	0.626		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:35	WJM
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:35	WJM
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:35	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

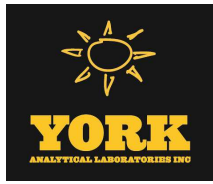
Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0478		mg/kg dry	0.0368	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/19/2021 12:59	02/19/2021 14:51	BR

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 3:45 pm

Date Received

02/12/2021

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/18/2021 19:51	02/18/2021 19:51	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.613	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	02/15/2021 08:45	02/15/2021 16:56	JAG

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	13.1		mg/kg	0.500	1	Calculation Certifications:	02/19/2021 11:39	02/19/2021 12:40	PAM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	7.61		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/15/2021 15:42	02/15/2021 17:05	OT

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.613	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/17/2021 08:46	02/17/2021 15:40	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/17/2021 15:43	02/17/2021 15:44	JAG

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

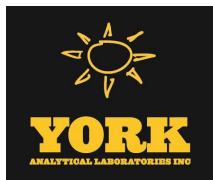
Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/17/2021 15:44	02/17/2021 15:45	JAG

Temperature

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-5

York Sample ID: 21B0416-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 3:45 pm

02/12/2021

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.2		°C	1.00	1	EPA 170.1	02/15/2021 15:42	02/15/2021 17:05	OT
Certifications:										

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	02/12/2021 15:23	02/12/2021 16:08	ZTS
Certifications:										

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	81.6		%	0.100	1	SM 2540G	02/15/2021 08:32	02/15/2021 15:03	OT
Certifications: CTDOH										

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:19	02/16/2021 15:25	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:16	02/16/2021 15:19	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

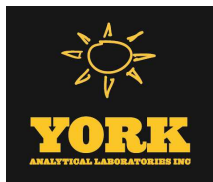
TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/16/2021 16:19	02/17/2021 12:36	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

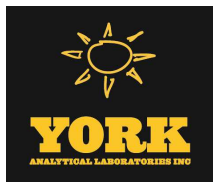
Volatiles, 8260 Comprehensive

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		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 03:05	KHA
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 03:05	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
95-63-6	1,2,4-Trimethylbenzene	0.0039	J	mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

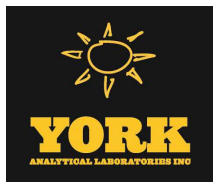
Volatiles, 8260 Comprehensive

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
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.058	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 03:05	KHA
78-93-3	2-Butanone	0.0089		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
67-64-1	Acetone	0.035		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
107-02-8	Acrolein	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
71-43-2	Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
108-86-1	Bromobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-25-2	Bromoform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
74-83-9	Bromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-00-3	Chloroethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
67-66-3	Chloroform	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
74-87-3	Chloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
110-82-7	Cyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
74-95-3	Dibromomethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-09-2	Methylene chloride	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0058	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

Volatiles, 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
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0058	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 16:25	02/13/2021 03:05	KHA
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 16:25	02/13/2021 03:05	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	99.0 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	98.8 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	110 %	76-130								

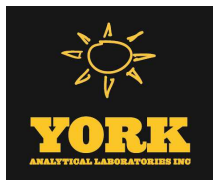
Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.

Client Project ID

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21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

Volatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/17/2021 09:30	02/17/2021 16:51	LM
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	101 %			65-135						
2037-26-5	Surrogate: SURR: Toluene-d8	99.0 %			86-118						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			81-114						

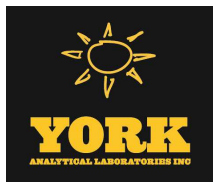
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	0.634		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
105-67-9	2,4-Dimethylphenol	0.115		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.

Client Project ID

Matrix

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21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

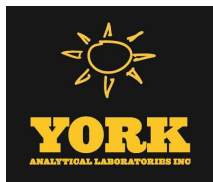
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
91-57-6	2-Methylnaphthalene	4.16		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
95-48-7	2-Methylphenol	0.0799	J	mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
65794-96-9	3- & 4-Methylphenols	0.175		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
83-32-9	Acenaphthene	4.51		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
208-96-8	Acenaphthylene	0.640		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
62-53-3	Aniline	ND		mg/kg dry	0.198	0.396	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.

Client Project ID

Matrix

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21B0416

100674402

Soil

February 11, 2021 7:35 pm

02/12/2021

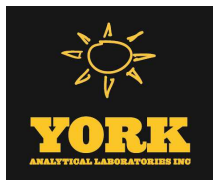
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	6.05		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
92-87-5	Benzidine	ND		mg/kg dry	0.198	0.396	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
56-55-3	Benzo(a)anthracene	10.8		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
50-32-8	Benzo(a)pyrene	9.45		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
205-99-2	Benzo(b)fluoranthene	8.95		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
191-24-2	Benzo(g,h,i)perylene	5.83		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
207-08-9	Benzo(k)fluoranthene	7.34		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0990	0.198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
86-74-8	Carbazole	2.74		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
218-01-9	Chrysene	10.3		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
53-70-3	Dibenzo(a,h)anthracene	2.35		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
132-64-9	Dibenzofuran	2.62		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH



Sample Information

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York Project (SDG) No.
21B0416

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100674402

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February 11, 2021 7:35 pm

Date Received
02/12/2021

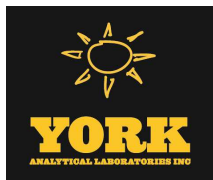
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
206-44-0	Fluoranthene	23.7		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
86-73-7	Fluorene	5.09		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	5.48		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
91-20-3	Naphthalene	7.43		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
85-01-8	Phenanthrene	24.4		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
108-95-2	Phenol	ND		mg/kg dry	0.0496	0.0990	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
129-00-0	Pyrene	20.6		mg/kg dry	0.496	0.990	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/18/2021 18:34	KH
110-86-1	Pyridine	ND		mg/kg dry	0.198	0.396	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:54	02/17/2021 16:30	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	Surrogate: SURR: 2-Fluorophenol	63.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	63.5 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	76.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	70.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	72.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.8 %			24-116						

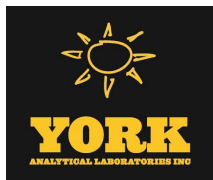
Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

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/L	2.50	5.00	1	EPA 8270D/1311 Certifications: NELAC-NY10854,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
121-14-2	2,4-Dinitrotoluene	13.5		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
95-48-7	2-Methylphenol	8.55		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
65794-96-9	3- & 4-Methylphenols	19.2		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
1319-77-3	Cresols, total	27.7		ug/L	10.0	15.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	02/18/2021 07:05	02/19/2021 11:59	CD
118-74-1	Hexachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
67-72-1	Hexachloroethane	ND		ug/L	1.25	2.50	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
98-95-3	Nitrobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
87-86-5	Pentachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:05	02/19/2021 11:59	CD
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	76.2 %	10-90.9								
4165-62-2	Surrogate: SURR: Phenol-d5	62.0 %	10-69.2								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	106 %	19.2-141								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	102 %	24.8-127								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	140 %	23-163								



Sample Information

Client Sample ID: DUP01_20210211

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21B0416

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100674402

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Soil

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February 11, 2021 7:35 pm

Date Received
02/12/2021

Semivolatiles, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	123 %	S-08		25.8-110						

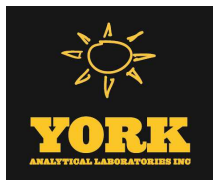
Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 12:33	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	02/16/2021 13:51	02/18/2021 12:33	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
72-20-8	Endrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	02/16/2021 13:51	02/18/2021 12:33	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 13:51	02/18/2021 12:33	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0395	5	EPA 8081B Certifications:	02/16/2021 13:51	02/18/2021 12:33	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	107 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	59.4 %								

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 10:00	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 10:00	CM
76-44-8	Heptachlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 10:00	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 10:00	CM
72-43-5	Methoxychlor	ND		ug/L	0.0444	0.0444	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 10:00	CM
8001-35-2	Toxaphene	ND		ug/L	1.11	1.11	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:01	02/19/2021 10:00	CM
Surrogate Recoveries		Result	Acceptance Range								
2051-24-3	Surrogate: Decachlorobiphenyl	97.1 %	30-150								
877-09-8	Surrogate: Tetrachloro-m-xylene	72.7 %	30-150								

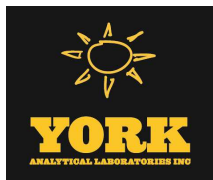
Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:21	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:21	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:21	BJ



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.
21B0416

Client Project ID
100674402

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February 11, 2021 7:35 pm

Date Received
02/12/2021

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:21	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:21	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:21	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 13:51	02/17/2021 15:21	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0200	1	EPA 8082A Certifications:	02/16/2021 13:51	02/17/2021 15:21	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	75.0 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	65.5 %	30-120							

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0200	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/18/2021 00:07	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0200	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/18/2021 00:07	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0200	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:02	02/18/2021 00:07	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	71.2 %	21-150							

Herbicides, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 14:05	BJ
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 07:19	02/18/2021 14:05	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	58.2 %	10-130							

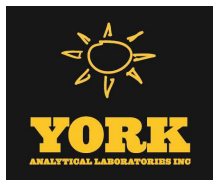
NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120 RESEARCH DRIVE	STRATFORD, CT 06615						132-02 89th AVENUE	RICHMOND HILL, NY 11418		
www.YORKLAB.com	(203) 325-1371						FAX (203) 357-0166	ClientServices@		



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 EPH

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	876		mg/kg dry	291	5	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/16/2021 07:19	02/16/2021 22:10	SGM
	Surrogate Recoveries	Result		Acceptance Range						
3386-33-2	Surrogate: 1-Chlorooctadecane	69.3 %		31.6-128						
84-15-1	Surrogate: o-Terphenyl	64.4 %		28.7-124						

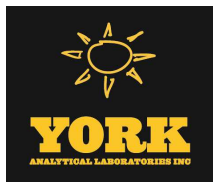
Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	6560		mg/kg dry	6.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-38-2	Arsenic	ND		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-39-3	Barium	283		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-43-9	Cadmium	20.9		mg/kg dry	0.363	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-70-2	Calcium	7380	B	mg/kg dry	6.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-47-3	Chromium	14.6		mg/kg dry	0.605	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-48-4	Cobalt	6.45		mg/kg dry	0.484	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-50-8	Copper	40.2		mg/kg dry	2.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7439-89-6	Iron	154000		mg/kg dry	303	10	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/19/2021 10:12	WJM
7439-92-1	Lead	488		mg/kg dry	0.605	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7439-95-4	Magnesium	2300		mg/kg dry	6.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7439-96-5	Manganese	303		mg/kg dry	0.605	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-02-0	Nickel	19.5		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

Collection Date/Time

February 11, 2021 7:35 pm

Date Received

02/12/2021

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	985	B	mg/kg dry	6.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-22-4	Silver	ND		mg/kg dry	0.605	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-23-5	Sodium	188		mg/kg dry	60.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-28-0	Thallium	7.45		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-62-2	Vanadium	20.8		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/18/2021 13:25	WJM
7440-66-6	Zinc	9690	B	mg/kg dry	30.3	10	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/12/2021 20:08	02/19/2021 10:12	WJM

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.375	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:38	WJM
7440-39-3	Barium	0.721		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:38	WJM
7440-43-9	Cadmium	ND		mg/L	0.075	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:38	WJM
7440-47-3	Chromium	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:38	WJM
7439-92-1	Lead	2.81		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:38	WJM
7782-49-2	Selenium	ND		mg/L	0.625	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:38	WJM
7440-22-4	Silver	ND		mg/L	0.125	1	EPA 6010D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 08:45	02/18/2021 12:38	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

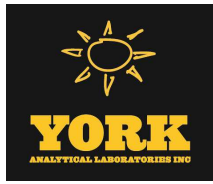
Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.505		mg/kg dry	0.0363	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	02/19/2021 12:59	02/19/2021 15:00	BR

Mercury, TCLP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.

21B0416

Client Project ID

100674402

Matrix

Soil

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February 11, 2021 7:35 pm

Date Received

02/12/2021

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7470/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	02/18/2021 19:51	02/18/2021 19:51	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.605	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	02/15/2021 08:45	02/15/2021 16:56	JAG

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.6		mg/kg	0.500	1	Calculation Certifications:	02/19/2021 11:39	02/19/2021 12:40	PAM

Corrosivity (pH) by SM 4500/EPA 9045D

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	8.24		pH units	0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	02/15/2021 15:42	02/15/2021 17:05	OT

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.605	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/17/2021 08:46	02/17/2021 15:40	JAG

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	02/17/2021 15:43	02/17/2021 15:44	JAG

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Sulfide	ND		mg/kg	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	02/17/2021 15:44	02/17/2021 15:45	JAG

Temperature

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: DUP01_20210211

York Sample ID: 21B0416-07

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Soil

Collection Date/Time
February 11, 2021 7:35 pm

Date Received
02/12/2021

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Temperature	22.0		°C	1.00	1	EPA 170.1	02/15/2021 15:42	02/15/2021 17:05	OT
Certifications:										

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		None	1	1	EPA 1030P	02/12/2021 15:23	02/12/2021 16:08	ZTS
Certifications:										

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.6		%	0.100	1	SM 2540G	02/15/2021 08:32	02/15/2021 15:03	OT
Certifications: CTDOH										

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:19	02/16/2021 15:25	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/15/2021 16:16	02/16/2021 15:19	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										

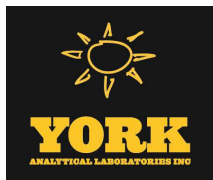
TCLP Extraction for VOA by EPA 1311 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	02/16/2021 16:19	02/17/2021 12:36	TAJ
Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP										



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:45 pm

02/12/2021

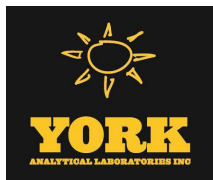
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 06:47	02/12/2021 19:25	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:45 pm

02/12/2021

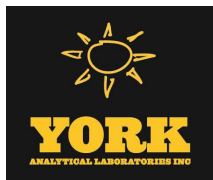
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
78-93-3	2-Butanone	0.740	B	ug/L	0.200	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
74-87-3	Chloromethane	0.430		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:45 pm

02/12/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-09-2	Methylene chloride	1.84		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Water

Collection Date/Time
February 11, 2021 12:45 pm

Date Received
02/12/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 19:25	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 06:47	02/12/2021 19:25	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %	79-122								

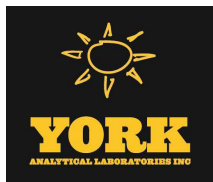
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:45 pm

02/12/2021

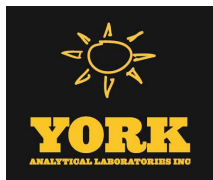
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:45 pm

02/12/2021

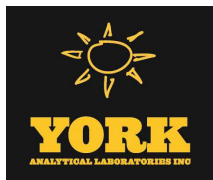
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Water

Collection Date/Time
February 11, 2021 12:45 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 15:03	KH
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	45.8 %			19.7-63.1						
4165-62-2	Surrogate: SURR: Phenol-d5	31.2 %			10.1-41.7						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	92.9 %			50.2-113						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	79.5 %			39.9-105						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	104 %			39.3-151						
1718-51-0	Surrogate: SURR: Terphenyl-d14	102 %			30.7-106						

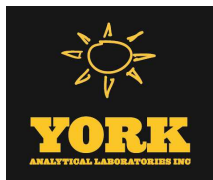
Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2021 06:54	02/16/2021 18:07	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2021 06:54	02/16/2021 18:07	CD
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Water

Collection Date/Time
February 11, 2021 12:45 pm

Date Received
02/12/2021

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2021 06:54	02/16/2021 18:07	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2021 06:54	02/16/2021 18:07	CD
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2021 06:54	02/16/2021 18:07	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
91-20-3	Naphthalene	0.0500		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2021 06:54	02/16/2021 18:07	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2021 06:54	02/16/2021 18:07	CD
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	02/16/2021 06:54	02/16/2021 18:07	CD
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD
129-00-0	Pyrene	0.0600		ug/L	0.0500	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/16/2021 06:54	02/16/2021 18:07	CD

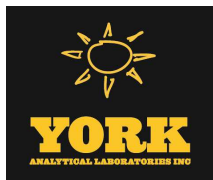
Pesticides, 8081 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:45 pm

02/12/2021

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 16:14	CM
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B Certifications:	02/15/2021 13:55	02/16/2021 16:14	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	84.6 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	68.2 %	30-150							

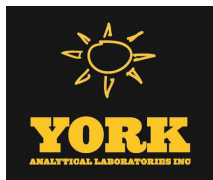
Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 15:23	BJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 15:23	BJ



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Water

Collection Date/Time
February 11, 2021 12:45 pm

Date Received
02/12/2021

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 15:23	BJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 15:23	BJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 15:23	BJ
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 15:23	BJ
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/15/2021 13:55	02/16/2021 15:23	BJ
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A Certifications:	02/15/2021 13:55	02/16/2021 15:23	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	64.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	71.5 %	30-120							

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	0.556	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:05	02/17/2021 21:47	BJ
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	0.556	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:05	02/17/2021 21:47	BJ
94-75-7	2,4-D	ND		ug/L	0.556	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/17/2021 07:05	02/17/2021 21:47	BJ
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	77.6 %	30-150							

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

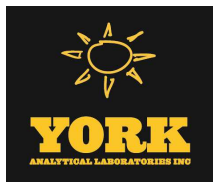
Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Total EPH	ND		mg/L	0.100	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	02/17/2021 08:44	02/18/2021 15:13	SGM
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	82.8 %	40-140							
84-15-1	Surrogate: o-Terphenyl	83.9 %	40-140							

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:45 pm

02/12/2021

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-09-7	Potassium	0.109	B	mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:32	02/17/2021 10:53	WJM

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:38	02/17/2021 13:13	BML
7440-38-2	Arsenic	0.00225		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:38	02/17/2021 13:13	BML
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:38	02/17/2021 13:13	BML



Sample Information

Client Sample ID: FIELD BLANK_20210211_WC

York Sample ID: 21B0416-08

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Water

Collection Date/Time
February 11, 2021 12:45 pm

Date Received
02/12/2021

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:38	02/17/2021 13:13	BML
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:38	02/17/2021 13:13	BML
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/15/2021 14:38	02/17/2021 13:13	BML

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	02/18/2021 20:08	02/18/2021 20:08	AA

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/12/2021 16:11	02/12/2021 21:01	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation Certifications:	02/19/2021 11:36	02/19/2021 12:40	PAM

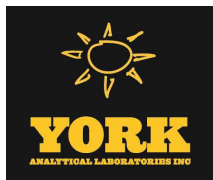
Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	02/16/2021 08:38	02/16/2021 15:18	OT



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21B0416-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:00 am

02/12/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 06:47	02/12/2021 18:59	KHA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21B0416-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:00 am

02/12/2021

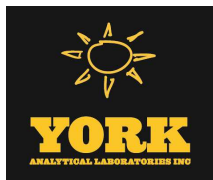
Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
78-93-3	2-Butanone	2.26	B	ug/L	0.200	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
67-64-1	Acetone	2.94		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21B0416-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

21B0416

100674402

Water

February 11, 2021 12:00 am

02/12/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-65-0	tert-Butyl alcohol (TBA)	1.25		ug/L	0.500	1.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA



Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 21B0416-09

York Project (SDG) No.
21B0416

Client Project ID
100674402

Matrix
Water

Collection Date/Time
February 11, 2021 12:00 am

Date Received
02/12/2021

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	02/12/2021 06:47	02/12/2021 18:59	KHA
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	02/12/2021 06:47	02/12/2021 18:59	KHA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %	79-122								



Analytical Batch Summary

Batch ID: BB10559 **Preparation Method:** EPA 5030B **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/12/21
21B0416-09	TRIP BLANK	02/12/21
BB10559-BLK1	Blank	02/12/21
BB10559-BS1	LCS	02/12/21
BB10559-BSD1	LCS Dup	02/12/21

Batch ID: BB10587 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/12/21
21B0416-02	WC-1B	02/12/21
21B0416-03	WC-2	02/12/21
21B0416-04	WC-3	02/12/21
21B0416-05	WC-4	02/12/21
21B0416-06	WC-5	02/12/21
21B0416-07	DUP01_20210211	02/12/21

Batch ID: BB10592 **Preparation Method:** % Solids Prep **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/12/21
21B0416-02	WC-1B	02/12/21
21B0416-03	WC-2	02/12/21
21B0416-04	WC-3	02/12/21
21B0416-05	WC-4	02/12/21

Batch ID: BB10593 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/12/21
BB10593-BLK1	Blank	02/12/21
BB10593-BS1	LCS	02/12/21

Batch ID: BB10595 **Preparation Method:** EPA 5035A **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/12/21
21B0416-02	WC-1B	02/12/21
21B0416-03	WC-2	02/12/21
21B0416-05	WC-4	02/12/21
21B0416-06	WC-5	02/12/21
21B0416-07	DUP01_20210211	02/12/21
BB10595-BLK1	Blank	02/12/21



BB10595-BLK2	Blank	02/12/21
BB10595-BS1	LCS	02/12/21
BB10595-BSD1	LCS Dup	02/12/21

Batch ID: BB10601 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/12/21
21B0416-02	WC-1B	02/12/21
21B0416-03	WC-2	02/12/21
21B0416-04	WC-3	02/12/21
21B0416-05	WC-4	02/12/21
21B0416-06	WC-5	02/12/21
21B0416-07	DUP01_20210211	02/12/21
21B0416-07RE1	DUP01_20210211	02/12/21
BB10601-BLK1	Blank	02/12/21
BB10601-SRM1	Reference	02/12/21

Batch ID: BB10614 **Preparation Method:** % Solids Prep **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-06	WC-5	02/15/21
21B0416-07	DUP01_20210211	02/15/21

Batch ID: BB10623 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/15/21
21B0416-02	WC-1B	02/15/21
21B0416-03	WC-2	02/15/21
21B0416-04	WC-3	02/15/21
21B0416-05	WC-4	02/15/21
21B0416-06	WC-5	02/15/21
21B0416-07	DUP01_20210211	02/15/21
BB10623-BLK1	Blank	02/15/21
BB10623-SRM1	Reference	02/15/21

Batch ID: BB10646 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SAK

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/15/21
21B0416-08	FIELD BLANK_20210211_WC	02/15/21
BB10646-BLK1	Blank	02/15/21
BB10646-BLK2	Blank	02/15/21
BB10646-BS1	LCS	02/15/21
BB10646-BS2	LCS	02/15/21
BB10646-BSD1	LCS Dup	02/15/21
BB10646-BSD2	LCS Dup	02/15/21



Batch ID: BB10653 **Preparation Method:** EPA 3015A **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/15/21
BB10653-BLK1	Blank	02/15/21
BB10653-BS1	LCS	02/15/21

Batch ID: BB10655 **Preparation Method:** EPA 3015A **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/15/21
BB10655-BLK1	Blank	02/15/21
BB10655-BS1	LCS	02/15/21

Batch ID: BB10657 **Preparation Method:** Analysis Preparation **Prepared By:** OT

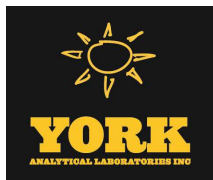
YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/15/21
21B0416-02	WC-1B	02/15/21
21B0416-03	WC-2	02/15/21
21B0416-04	WC-3	02/15/21
21B0416-05	WC-4	02/15/21
21B0416-06	WC-5	02/15/21
21B0416-07	DUP01_20210211	02/15/21

Batch ID: BB10661 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SVOCs **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/15/21
21B0416-02	WC-1B	02/15/21
21B0416-03	WC-2	02/15/21
21B0416-04	WC-3	02/15/21
21B0416-05	WC-4	02/15/21
21B0416-06	WC-5	02/15/21
21B0416-07	DUP01_20210211	02/15/21
BB10661-BLK1	Blank	02/15/21

Batch ID: BB10663 **Preparation Method:** EPA SW 846-1311 TCLP ext. for metals **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/15/21
21B0416-02	WC-1B	02/15/21
21B0416-03	WC-2	02/15/21
21B0416-04	WC-3	02/15/21
21B0416-05	WC-4	02/15/21
21B0416-06	WC-5	02/15/21
21B0416-07	DUP01_20210211	02/15/21



BB10663-BLK1

Blank

02/15/21

Batch ID: BB10678**Preparation Method:** EPA 3510C**Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/16/21
BB10678-BLK1	Blank	02/16/21
BB10678-BLK2	Blank	02/16/21
BB10678-BS1	LCS	02/16/21
BB10678-BS2	LCS	02/16/21
BB10678-BSD1	LCS Dup	02/16/21

Batch ID: BB10680**Preparation Method:** EPA 3546 EPH**Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/16/21
21B0416-02	WC-1B	02/16/21
21B0416-03	WC-2	02/16/21
21B0416-04	WC-3	02/16/21
21B0416-05	WC-4	02/16/21
21B0416-06	WC-5	02/16/21
21B0416-07	DUP01_20210211	02/16/21
BB10680-BLK1	Blank	02/16/21
BB10680-BS1	LCS	02/16/21
BB10680-BSD1	LCS Dup	02/16/21

Batch ID: BB10689**Preparation Method:** Analysis Preparation**Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/16/21
BB10689-BLK1	Blank	02/16/21
BB10689-BS1	LCS	02/16/21

Batch ID: BB10714**Preparation Method:** EPA 3550C**Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/16/21
21B0416-01	WC-1A	02/16/21
21B0416-02	WC-1B	02/16/21
21B0416-02	WC-1B	02/16/21
21B0416-03	WC-2	02/16/21
21B0416-03	WC-2	02/16/21
21B0416-04	WC-3	02/16/21
21B0416-04	WC-3	02/16/21
21B0416-05	WC-4	02/16/21
21B0416-05	WC-4	02/16/21
21B0416-06	WC-5	02/16/21
21B0416-06	WC-5	02/16/21
21B0416-07	DUP01_20210211	02/16/21



21B0416-07	DUP01_20210211	02/16/21
BB10714-BLK1	Blank	02/16/21
BB10714-BLK2	Blank	02/16/21
BB10714-BS1	LCS	02/16/21
BB10714-BS2	LCS	02/16/21

Batch ID: BB10716 **Preparation Method:** EPA 3546 SVOA **Prepared By:** EM

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/16/21
21B0416-01RE1	WC-1A	02/16/21
21B0416-02	WC-1B	02/16/21
21B0416-02RE1	WC-1B	02/16/21
21B0416-02RE2	WC-1B	02/16/21
21B0416-03	WC-2	02/16/21
21B0416-04	WC-3	02/16/21
21B0416-05	WC-4	02/16/21
21B0416-06	WC-5	02/16/21
21B0416-07	DUP01_20210211	02/16/21
21B0416-07RE1	DUP01_20210211	02/16/21
BB10716-BLK1	Blank	02/16/21
BB10716-BS1	LCS	02/16/21

Batch ID: BB10736 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VO **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/16/21
21B0416-02	WC-1B	02/16/21
21B0416-03	WC-2	02/16/21
21B0416-04	WC-3	02/16/21
21B0416-05	WC-4	02/16/21
21B0416-06	WC-5	02/16/21
21B0416-07	DUP01_20210211	02/16/21
BB10736-BLK1	Blank	02/16/21

Batch ID: BB10752 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/17/21
21B0416-02	WC-1B	02/17/21
21B0416-03	WC-2	02/17/21
21B0416-04	WC-3	02/17/21
21B0416-05	WC-4	02/17/21
21B0416-06	WC-5	02/17/21
21B0416-07	DUP01_20210211	02/17/21
BB10752-BLK1	Blank	02/17/21
BB10752-BS1	LCS	02/17/21

**Batch ID:** BB10753**Preparation Method:** EPA 8151A**Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/17/21
BB10753-BLK1	Blank	02/17/21
BB10753-BS1	LCS	02/17/21
BB10753-BSD1	LCS Dup	02/17/21

Batch ID: BB10759**Preparation Method:** EPA 5030B/1311**Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/17/21
21B0416-02	WC-1B	02/17/21
21B0416-03	WC-2	02/17/21
21B0416-04	WC-3	02/17/21
21B0416-05	WC-4	02/17/21
21B0416-06	WC-5	02/17/21
21B0416-07	DUP01_20210211	02/17/21
BB10759-BLK1	Blank	02/17/21
BB10759-BS1	LCS	02/17/21
BB10759-BSD1	LCS Dup	02/17/21
BB10759-LBK1	Leach Fluid Blank	02/17/21

Batch ID: BB10763**Preparation Method:** EPA SW846-3510C Low Level**Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/17/21
BB10763-BLK1	Blank	02/17/21
BB10763-BS1	LCS	02/17/21
BB10763-BSD1	LCS Dup	02/17/21

Batch ID: BB10764**Preparation Method:** EPA 3015A/1311**Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/17/21
21B0416-02	WC-1B	02/17/21
21B0416-03	WC-2	02/17/21
21B0416-04	WC-3	02/17/21
21B0416-05	WC-4	02/17/21
21B0416-06	WC-5	02/17/21
21B0416-07	DUP01_20210211	02/17/21
BB10764-BLK1	Blank	02/17/21
BB10764-BS1	LCS	02/17/21
BB10764-LBK1	Leach Fluid Blank	02/17/21

Batch ID: BB10765**Preparation Method:** Analysis Preparation Soil**Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/17/21



21B0416-02	WC-1B	02/17/21
21B0416-03	WC-2	02/17/21
21B0416-04	WC-3	02/17/21
21B0416-05	WC-4	02/17/21
21B0416-06	WC-5	02/17/21
21B0416-07	DUP01_20210211	02/17/21
BB10765-BLK1	Blank	02/17/21
BB10765-SRM1	Reference	02/17/21

Batch ID: BB10799 **Preparation Method:** Analysis Preparation **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/17/21
21B0416-02	WC-1B	02/17/21
21B0416-03	WC-2	02/17/21
21B0416-04	WC-3	02/17/21
21B0416-05	WC-4	02/17/21
21B0416-06	WC-5	02/17/21
21B0416-07	DUP01_20210211	02/17/21

Batch ID: BB10800 **Preparation Method:** Analysis Preparation **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/17/21
21B0416-02	WC-1B	02/17/21
21B0416-03	WC-2	02/17/21
21B0416-04	WC-3	02/17/21
21B0416-05	WC-4	02/17/21
21B0416-06	WC-5	02/17/21
21B0416-07	DUP01_20210211	02/17/21

Batch ID: BB10825 **Preparation Method:** EPA 3510C/1311 **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/18/21
21B0416-02	WC-1B	02/18/21
21B0416-03	WC-2	02/18/21
21B0416-04	WC-3	02/18/21
21B0416-05	WC-4	02/18/21
21B0416-06	WC-5	02/18/21
21B0416-07	DUP01_20210211	02/18/21
BB10825-BLK1	Blank	02/18/21
BB10825-BS1	LCS	02/18/21
BB10825-BSD1	LCS Dup	02/18/21
BB10825-LBK1	Leach Fluid Blank	02/18/21

Batch ID: BB10826 **Preparation Method:** EPA 3510C/1311 **Prepared By:** YG

YORK Sample ID	Client Sample ID	Preparation Date
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21B0416-01	WC-1A	02/18/21
21B0416-02	WC-1B	02/18/21
21B0416-03	WC-2	02/18/21
21B0416-04	WC-3	02/18/21
21B0416-05	WC-4	02/18/21
21B0416-06	WC-5	02/18/21
21B0416-07	DUP01_20210211	02/18/21
BB10826-BLK1	Blank	02/18/21
BB10826-BS1	LCS	02/18/21
BB10826-BSD1	LCS Dup	02/18/21
BB10826-LBK1	Leach Fluid Blank	02/18/21

Batch ID: BB10827 **Preparation Method:** EPA 3535A/1311 **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/18/21
21B0416-02	WC-1B	02/18/21
21B0416-03	WC-2	02/18/21
21B0416-04	WC-3	02/18/21
21B0416-05	WC-4	02/18/21
21B0416-06	WC-5	02/18/21
21B0416-07	DUP01_20210211	02/18/21
BB10827-BLK1	Blank	02/18/21
BB10827-BS1	LCS	02/18/21
BB10827-BSD1	LCS Dup	02/18/21

Batch ID: BB10881 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/18/21
21B0416-02	WC-1B	02/18/21
21B0416-03	WC-2	02/18/21
21B0416-04	WC-3	02/18/21
21B0416-05	WC-4	02/18/21
21B0416-06	WC-5	02/18/21
21B0416-07	DUP01_20210211	02/18/21
BB10881-BLK1	Blank	02/18/21
BB10881-BLK2	Blank	02/18/21
BB10881-BS1	LCS	02/18/21
BB10881-BS2	LCS	02/18/21

Batch ID: BB10882 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/18/21
BB10882-BLK1	Blank	02/18/21
BB10882-BS1	LCS	02/18/21
BB10882-BS2	LCS	02/18/21



Batch ID: BB10905 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-08	FIELD BLANK_20210211_WC	02/19/21

Batch ID: BB10906 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/19/21
21B0416-02	WC-1B	02/19/21
21B0416-03	WC-2	02/19/21
21B0416-04	WC-3	02/19/21
21B0416-05	WC-4	02/19/21
21B0416-06	WC-5	02/19/21
21B0416-07	DUP01_20210211	02/19/21

Batch ID: BB10913 **Preparation Method:** EPA 7473 soil **Prepared By:** BML

YORK Sample ID	Client Sample ID	Preparation Date
21B0416-01	WC-1A	02/19/21
21B0416-02	WC-1B	02/19/21
21B0416-03	WC-2	02/19/21
21B0416-04	WC-3	02/19/21
21B0416-05	WC-4	02/19/21
21B0416-06	WC-5	02/19/21
21B0416-07	DUP01_20210211	02/19/21
BB10913-BLK1	Blank	02/19/21
BB10913-SRM1	Reference	02/19/21



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10559 - EPA 5030B

Blank (BB10559-BLK1)	Blank	Prepared & Analyzed: 02/12/2021									
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	0.740	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10559 - EPA 5030B

Blank (BB10559-BLK1)	Blank										Prepared & Analyzed: 02/12/2021
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.86		"	10.0		98.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	10.3		"	10.0		103	79-122				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10559 - EPA 5030B											
LCS (BB10559-BS1)	LCS		Prepared & Analyzed: 02/12/2021								
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82-126				
1,1,1-Trichloroethane	11.5		"	10.0		115	78-136				
1,1,2,2-Tetrachloroethane	11.6		"	10.0		116	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13.6		"	10.0		136	54-165				
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123				
1,1-Dichloroethane	11.4		"	10.0		114	82-129				
1,1-Dichloroethylene	12.4		"	10.0		124	68-138				
1,1-Dichloropropylene	11.5		"	10.0		115	83-133				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	76-136				
1,2,3-Trichloropropane	11.4		"	10.0		114	77-128				
1,2,4-Trichlorobenzene	11.0		"	10.0		110	76-137				
1,2,4-Trimethylbenzene	12.4		"	10.0		124	82-132				
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	45-147				
1,2-Dibromoethane	10.5		"	10.0		105	83-124				
1,2-Dichlorobenzene	11.5		"	10.0		115	79-123				
1,2-Dichloroethane	10.8		"	10.0		108	73-132				
1,2-Dichloropropane	11.0		"	10.0		110	78-126				
1,3,5-Trimethylbenzene	12.7		"	10.0		127	80-131				
1,3-Dichlorobenzene	11.5		"	10.0		115	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	11.4		"	10.0		114	85-124				
1,4-Dioxane	239		"	210		114	10-349				
2,2-Dichloropropane	12.3		"	10.0		123	56-150				
2-Butanone	10.6		"	10.0		106	49-152				
2-Chlorotoluene	12.4		"	10.0		124	79-130				
2-Hexanone	10.8		"	10.0		108	51-146				
4-Chlorotoluene	12.1		"	10.0		121	79-128				
4-Methyl-2-pentanone	10.4		"	10.0		104	57-145				
Acetone	10.0		"	10.0		100	14-150				
Acrolein	7.99		"	10.0		79.9	10-153				
Acrylonitrile	11.1		"	10.0		111	51-150				
Benzene	11.7		"	10.0		117	85-126				
Bromobenzene	12.1		"	10.0		121	78-129				
Bromochloromethane	11.3		"	10.0		113	77-128				
Bromodichloromethane	10.7		"	10.0		107	79-128				
Bromoform	9.88		"	10.0		98.8	78-133				
Bromomethane	14.6		"	10.0		146	43-168				
Carbon disulfide	12.3		"	10.0		123	68-146				
Carbon tetrachloride	11.8		"	10.0		118	77-141				
Chlorobenzene	11.1		"	10.0		111	88-120				
Chloroethane	12.2		"	10.0		122	65-136				
Chloroform	11.3		"	10.0		113	82-128				
Chloromethane	13.9		"	10.0		139	43-155				
cis-1,2-Dichloroethylene	11.7		"	10.0		117	83-129				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	80-131				
Cyclohexane	10.5		"	10.0		105	63-149				
Dibromochloromethane	10.5		"	10.0		105	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	17.2		"	10.0		172	44-144	High Bias			
Ethyl Benzene	11.8		"	10.0		118	80-131				
Hexachlorobutadiene	10.4		"	10.0		104	67-146				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10559 - EPA 5030B											
LCS (BB10559-BS1)	LCS		Prepared & Analyzed: 02/12/2021								
Isopropylbenzene	12.5		ug/L	10.0		125	76-140				
Methyl acetate	10.1		"	10.0		101	51-139				
Methyl tert-butyl ether (MTBE)	10.9		"	10.0		109	76-135				
Methylcyclohexane	12.1		"	10.0		121	72-143				
Methylene chloride	11.5		"	10.0		115	55-137				
n-Butylbenzene	12.9		"	10.0		129	79-132				
n-Propylbenzene	12.6		"	10.0		126	78-133				
o-Xylene	11.6		"	10.0		116	78-130				
p- & m- Xylenes	23.9		"	20.0		119	77-133				
p-Isopropyltoluene	12.5		"	10.0		125	81-136				
sec-Butylbenzene	13.1		"	10.0		131	79-137				
Styrene	11.8		"	10.0		118	67-132				
tert-Butyl alcohol (TBA)	47.5		"	50.0		95.1	25-162				
tert-Butylbenzene	10.4		"	10.0		104	77-138				
Tetrachloroethylene	11.1		"	10.0		111	82-131				
Toluene	11.4		"	10.0		114	80-127				
trans-1,2-Dichloroethylene	12.4		"	10.0		124	80-132				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131				
Trichloroethylene	11.0		"	10.0		110	82-128				
Trichlorofluoromethane	13.4		"	10.0		134	67-139				
Vinyl acetate	10.9		"	10.0		109	21-90	High Bias			
Vinyl Chloride	13.5		"	10.0		135	58-145				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.84</i>		<i>"</i>	<i>10.0</i>		<i>98.4</i>	<i>69-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>9.89</i>		<i>"</i>	<i>10.0</i>		<i>98.9</i>	<i>81-117</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>79-122</i>				
LCS Dup (BB10559-BS1)	LCS Dup		Prepared & Analyzed: 02/12/2021								
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82-126		3.35	30	
1,1,1-Trichloroethane	11.0		"	10.0		110	78-136		4.90	30	
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	76-129		4.76	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.9		"	10.0		129	54-165		5.59	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		0.666	30	
1,1-Dichloroethane	10.9		"	10.0		109	82-129		4.23	30	
1,1-Dichloroethylene	11.7		"	10.0		117	68-138		5.64	30	
1,1-Dichloropropylene	11.0		"	10.0		110	83-133		4.88	30	
1,2,3-Trichlorobenzene	9.81		"	10.0		98.1	76-136		6.03	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		6.87	30	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	76-137		7.58	30	
1,2,4-Trimethylbenzene	11.4		"	10.0		114	82-132		8.83	30	
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	45-147		2.18	30	
1,2-Dibromoethane	10.5		"	10.0		105	83-124		0.286	30	
1,2-Dichlorobenzene	10.6		"	10.0		106	79-123		8.02	30	
1,2-Dichloroethane	10.9		"	10.0		109	73-132		1.29	30	
1,2-Dichloropropane	10.7		"	10.0		107	78-126		3.32	30	
1,3,5-Trimethylbenzene	11.5		"	10.0		115	80-131		9.98	30	
1,3-Dichlorobenzene	10.6		"	10.0		106	86-122		8.44	30	
1,3-Dichloropropane	10.5		"	10.0		105	81-125		0.191	30	
1,4-Dichlorobenzene	10.5		"	10.0		105	85-124		8.58	30	
1,4-Dioxane	241		"	210		115	10-349		0.588	30	
2,2-Dichloropropane	11.7		"	10.0		117	56-150		5.18	30	
2-Butanone	11.3		"	10.0		113	49-152		6.75	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10559 - EPA 5030B											
LCS Dup (BB10559-BSD1)	LCS Dup		Prepared & Analyzed: 02/12/2021								
2-Chlorotoluene	11.2		ug/L	10.0		112	79-130		9.57	30	
2-Hexanone	11.3		"	10.0		113	51-146		4.60	30	
4-Chlorotoluene	11.0		"	10.0		110	79-128		9.33	30	
4-Methyl-2-pentanone	10.5		"	10.0		105	57-145		1.82	30	
Acetone	10.2		"	10.0		102	14-150		1.48	30	
Acrolein	9.30		"	10.0		93.0	10-153		15.2	30	
Acrylonitrile	11.1		"	10.0		111	51-150		0.180	30	
Benzene	11.3		"	10.0		113	85-126		4.09	30	
Bromobenzene	11.1		"	10.0		111	78-129		8.51	30	
Bromochloromethane	11.3		"	10.0		113	77-128		0.265	30	
Bromodichloromethane	10.2		"	10.0		102	79-128		4.20	30	
Bromoform	9.98		"	10.0		99.8	78-133		1.01	30	
Bromomethane	13.7		"	10.0		137	43-168		6.52	30	
Carbon disulfide	11.5		"	10.0		115	68-146		7.05	30	
Carbon tetrachloride	11.2		"	10.0		112	77-141		5.12	30	
Chlorobenzene	10.6		"	10.0		106	88-120		4.06	30	
Chloroethane	11.5		"	10.0		115	65-136		6.15	30	
Chloroform	11.0		"	10.0		110	82-128		2.60	30	
Chloromethane	13.1		"	10.0		131	43-155		6.07	30	
cis-1,2-Dichloroethylene	11.2		"	10.0		112	83-129		4.45	30	
cis-1,3-Dichloropropylene	10.5		"	10.0		105	80-131		2.64	30	
Cyclohexane	10.1		"	10.0		101	63-149		4.27	30	
Dibromochloromethane	10.4		"	10.0		104	80-130		0.858	30	
Dibromomethane	10.4		"	10.0		104	72-134		0.290	30	
Dichlorodifluoromethane	15.7		"	10.0		157	44-144	High Bias	9.14	30	
Ethyl Benzene	11.2		"	10.0		112	80-131		4.78	30	
Hexachlorobutadiene	9.98		"	10.0		99.8	67-146		4.41	30	
Isopropylbenzene	11.1		"	10.0		111	76-140		12.1	30	
Methyl acetate	10.4		"	10.0		104	51-139		3.23	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		0.820	30	
Methylcyclohexane	11.4		"	10.0		114	72-143		5.96	30	
Methylene chloride	11.2		"	10.0		112	55-137		2.38	30	
n-Butylbenzene	11.4		"	10.0		114	79-132		12.0	30	
n-Propylbenzene	11.3		"	10.0		113	78-133		10.7	30	
o-Xylene	11.2		"	10.0		112	78-130		3.15	30	
p- & m- Xylenes	22.7		"	20.0		114	77-133		4.93	30	
p-Isopropyltoluene	11.4		"	10.0		114	81-136		8.88	30	
sec-Butylbenzene	12.0		"	10.0		120	79-137		8.53	30	
Styrene	11.5		"	10.0		115	67-132		2.15	30	
tert-Butyl alcohol (TBA)	50.7		"	50.0		101	25-162		6.37	30	
tert-Butylbenzene	9.49		"	10.0		94.9	77-138		9.63	30	
Tetrachloroethylene	10.3		"	10.0		103	82-131		7.18	30	
Toluene	10.8		"	10.0		108	80-127		5.34	30	
trans-1,2-Dichloroethylene	11.7		"	10.0		117	80-132		5.82	30	
trans-1,3-Dichloropropylene	10.5		"	10.0		105	78-131		1.69	30	
Trichloroethylene	10.5		"	10.0		105	82-128		5.20	30	
Trichlorofluoromethane	12.5		"	10.0		125	67-139		7.19	30	
Vinyl acetate	10.5		"	10.0		105	21-90	High Bias	3.74	30	
Vinyl Chloride	12.0		"	10.0		120	58-145		11.9	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	10.2		"	10.0		102	69-130				
Surrogate: SURR: Toluene-d8	9.78		"	10.0		97.8	81-117				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10559 - EPA 5030B

LCS Dup (BB10559-BSD1) LCS Dup

Prepared & Analyzed: 02/12/2021

Surrogate: SURR: p-Bromofluorobenzene 10.2 ug/L 10.0 102 79-122

Batch BB10595 - EPA 5035A

Blank (BB10595-BLK1) Blank

Prepared & Analyzed: 02/12/2021

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet
1,1,1-Trichloroethane	ND	0.0050	"
1,1,2,2-Tetrachloroethane	ND	0.0050	"
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"
1,1,2-Trichloroethane	ND	0.0050	"
1,1-Dichloroethane	ND	0.0050	"
1,1-Dichloroethylene	ND	0.0050	"
1,1-Dichloropropylene	ND	0.0050	"
1,2,3-Trichlorobenzene	ND	0.0050	"
1,2,3-Trichloropropane	ND	0.0050	"
1,2,4-Trichlorobenzene	ND	0.0050	"
1,2,4-Trimethylbenzene	ND	0.0050	"
1,2-Dibromo-3-chloropropane	ND	0.0050	"
1,2-Dibromoethane	ND	0.0050	"
1,2-Dichlorobenzene	ND	0.0050	"
1,2-Dichloroethane	ND	0.0050	"
1,2-Dichloropropane	ND	0.0050	"
1,3,5-Trimethylbenzene	ND	0.0050	"
1,3-Dichlorobenzene	ND	0.0050	"
1,3-Dichloropropane	ND	0.0050	"
1,4-Dichlorobenzene	ND	0.0050	"
1,4-Dioxane	ND	0.10	"
2,2-Dichloropropane	ND	0.0050	"
2-Butanone	ND	0.0050	"
2-Chlorotoluene	ND	0.0050	"
2-Hexanone	ND	0.0050	"
4-Chlorotoluene	ND	0.0050	"
4-Methyl-2-pentanone	ND	0.0050	"
Acetone	ND	0.010	"
Acrolein	ND	0.010	"
Acrylonitrile	ND	0.0050	"
Benzene	ND	0.0050	"
Bromobenzene	ND	0.0050	"
Bromochloromethane	ND	0.0050	"
Bromodichloromethane	ND	0.0050	"
Bromoform	ND	0.0050	"
Bromomethane	ND	0.0050	"
Carbon disulfide	ND	0.0050	"
Carbon tetrachloride	ND	0.0050	"
Chlorobenzene	ND	0.0050	"
Chloroethane	ND	0.0050	"
Chloroform	ND	0.0050	"
Chloromethane	ND	0.0050	"
cis-1,2-Dichloroethylene	ND	0.0050	"
cis-1,3-Dichloropropylene	ND	0.0050	"
Cyclohexane	ND	0.0050	"



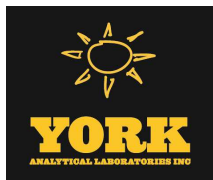
Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10595 - EPA 5035A

Blank (BB10595-BLK1)	Blank	Prepared & Analyzed: 02/12/2021									
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURRE: 1,2-Dichloroethane-d4	47.4		ug/L	50.0		94.9	77-125				
Surrogate: SURRE: Toluene-d8	49.9		"	50.0		99.8	85-120				
Surrogate: SURRE: p-Bromofluorobenzene	56.9		"	50.0		114	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10595 - EPA 5035A

Blank (BB10595-BLK2)		HOLDING BLANK- 21B0416				Prepared: 02/12/2021 Analyzed: 02/13/2021					
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	0.0032	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10595 - EPA 5035A

Blank (BB10595-BLK2)		HOLDING BLANK- 21B0416				Prepared: 02/12/2021 Analyzed: 02/13/2021					
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	48.2		ug/L	50.0		96.4	77-125				
Surrogate: SURR: Toluene-d8	50.0		"	50.0		100	85-120				
Surrogate: SURR: p-Bromofluorobenzene	56.5		"	50.0		113	76-130				

LCS (BB10595-BS1)		LCS				Prepared & Analyzed: 02/12/2021					
1,1,1,2-Tetrachloroethane	45.7		ug/L	50.0		91.3	75-129				
1,1,1-Trichloroethane	47.4		"	50.0		94.7	71-137				
1,1,2,2-Tetrachloroethane	53.6		"	50.0		107	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.8		"	50.0		108	58-146				
1,1,2-Trichloroethane	51.0		"	50.0		102	83-123				
1,1-Dichloroethane	49.5		"	50.0		99.1	75-130				
1,1-Dichloroethylene	52.9		"	50.0		106	64-137				
1,1-Dichloropropylene	51.3		"	50.0		103	77-127				
1,2,3-Trichlorobenzene	51.0		"	50.0		102	81-140				
1,2,3-Trichloropropane	51.6		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	51.9		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	51.2		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	46.5		"	50.0		92.9	74-142				
1,2-Dibromoethane	52.9		"	50.0		106	86-123				
1,2-Dichlorobenzene	50.9		"	50.0		102	85-122				
1,2-Dichloroethane	50.4		"	50.0		101	71-133				
1,2-Dichloropropane	52.4		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	52.4		"	50.0		105	82-126				
1,3-Dichlorobenzene	50.4		"	50.0		101	84-124				
1,3-Dichloropropane	50.8		"	50.0		102	83-123				
1,4-Dichlorobenzene	50.2		"	50.0		100	84-124				
1,4-Dioxane	1180		"	1050		113	10-228				
2,2-Dichloropropane	47.4		"	50.0		94.7	67-136				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10595 - EPA 5035A											
LCS (BB10595-BS1)	LCS		Prepared & Analyzed: 02/12/2021								
2-Butanone	46.1		ug/L	50.0		92.3	58-147				
2-Chlorotoluene	52.2		"	50.0		104	78-127				
2-Hexanone	54.3		"	50.0		109	70-139				
4-Chlorotoluene	55.4		"	50.0		111	79-125				
4-Methyl-2-pentanone	52.8		"	50.0		106	72-132				
Acetone	46.6		"	50.0		93.2	36-155				
Acrolein	40.2		"	50.0		80.5	10-238				
Acrylonitrile	53.8		"	50.0		108	66-141				
Benzene	51.1		"	50.0		102	77-127				
Bromobenzene	51.4		"	50.0		103	77-129				
Bromochloromethane	49.7		"	50.0		99.3	74-129				
Bromodichloromethane	46.6		"	50.0		93.1	81-124				
Bromoform	45.1		"	50.0		90.2	80-136				
Bromomethane	57.8		"	50.0		116	32-177				
Carbon disulfide	51.7		"	50.0		103	10-136				
Carbon tetrachloride	47.7		"	50.0		95.4	66-143				
Chlorobenzene	50.8		"	50.0		102	86-120				
Chloroethane	50.5		"	50.0		101	51-142				
Chloroform	50.4		"	50.0		101	76-131				
Chloromethane	55.2		"	50.0		110	49-132				
cis-1,2-Dichloroethylene	51.4		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	46.0		"	50.0		91.9	81-129				
Cyclohexane	48.0		"	50.0		96.0	70-130				
Dibromochloromethane	46.7		"	50.0		93.5	10-200				
Dibromomethane	50.7		"	50.0		101	83-124				
Dichlorodifluoromethane	56.0		"	50.0		112	28-158				
Ethyl Benzene	51.5		"	50.0		103	84-125				
Hexachlorobutadiene	52.7		"	50.0		105	83-133				
Isopropylbenzene	51.5		"	50.0		103	81-127				
Methyl acetate	45.9		"	50.0		91.8	41-143				
Methyl tert-butyl ether (MTBE)	51.2		"	50.0		102	74-131				
Methylcyclohexane	48.8		"	50.0		97.5	70-130				
Methylene chloride	52.9		"	50.0		106	57-141				
n-Butylbenzene	55.6		"	50.0		111	80-130				
n-Propylbenzene	52.6		"	50.0		105	74-136				
o-Xylene	50.9		"	50.0		102	83-123				
p- & m- Xylenes	109		"	100		109	82-128				
p-Isopropyltoluene	53.6		"	50.0		107	85-125				
sec-Butylbenzene	55.7		"	50.0		111	83-125				
Styrene	52.2		"	50.0		104	86-126				
tert-Butyl alcohol (TBA)	250		"	250		100	70-130				
tert-Butylbenzene	51.4		"	50.0		103	80-127				
Tetrachloroethylene	47.6		"	50.0		95.3	80-129				
Toluene	51.6		"	50.0		103	85-121				
trans-1,2-Dichloroethylene	53.8		"	50.0		108	72-132				
trans-1,3-Dichloropropylene	45.3		"	50.0		90.5	78-132				
Trichloroethylene	53.2		"	50.0		106	84-123				
Trichlorofluoromethane	53.3		"	50.0		107	62-140				
Vinyl acetate	44.2		"	50.0		88.4	67-136				
Vinyl Chloride	54.4		"	50.0		109	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	47.6		"	50.0		95.3	77-125				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10595 - EPA 5035A											
LCS (BB10595-BS1)	LCS		Prepared & Analyzed: 02/12/2021								
Surrogate: SURR: Toluene-d8	50.0		ug/L	50.0		100	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.2		"	50.0		102	76-130				
LCS Dup (BB10595-BS1)	LCS Dup		Prepared & Analyzed: 02/12/2021								
1,1,1,2-Tetrachloroethane	46.6		ug/L	50.0		93.1	75-129		1.95	30	
1,1,1-Trichloroethane	49.0		"	50.0		98.1	71-137		3.47	30	
1,1,2,2-Tetrachloroethane	55.2		"	50.0		110	79-129		3.05	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57.4		"	50.0		115	58-146		6.47	30	
1,1,2-Trichloroethane	52.5		"	50.0		105	83-123		2.82	30	
1,1-Dichloroethane	51.8		"	50.0		104	75-130		4.52	30	
1,1-Dichloroethylene	54.6		"	50.0		109	64-137		3.29	30	
1,1-Dichloropropylene	52.9		"	50.0		106	77-127		3.01	30	
1,2,3-Trichlorobenzene	50.4		"	50.0		101	81-140		1.05	30	
1,2,3-Trichloropropane	54.1		"	50.0		108	81-126		4.75	30	
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141		2.83	30	
1,2,4-Trimethylbenzene	51.4		"	50.0		103	84-125		0.409	30	
1,2-Dibromo-3-chloropropane	48.2		"	50.0		96.3	74-142		3.61	30	
1,2-Dibromoethane	53.8		"	50.0		108	86-123		1.63	30	
1,2-Dichlorobenzene	52.0		"	50.0		104	85-122		2.16	30	
1,2-Dichloroethane	53.2		"	50.0		106	71-133		5.37	30	
1,2-Dichloropropane	53.6		"	50.0		107	81-122		2.17	30	
1,3,5-Trimethylbenzene	53.4		"	50.0		107	82-126		1.91	30	
1,3-Dichlorobenzene	50.5		"	50.0		101	84-124		0.0991	30	
1,3-Dichloropropane	51.6		"	50.0		103	83-123		1.72	30	
1,4-Dichlorobenzene	50.3		"	50.0		101	84-124		0.239	30	
1,4-Dioxane	1200		"	1050		114	10-228		1.19	30	
2,2-Dichloropropane	49.9		"	50.0		99.7	67-136		5.18	30	
2-Butanone	48.8		"	50.0		97.5	58-147		5.54	30	
2-Chlorotoluene	53.1		"	50.0		106	78-127		1.71	30	
2-Hexanone	55.4		"	50.0		111	70-139		1.93	30	
4-Chlorotoluene	50.6		"	50.0		101	79-125		9.17	30	
4-Methyl-2-pentanone	54.3		"	50.0		109	72-132		2.86	30	
Acetone	49.1		"	50.0		98.1	36-155		5.21	30	
Acrolein	41.3		"	50.0		82.6	10-238		2.62	30	
Acrylonitrile	57.5		"	50.0		115	66-141		6.68	30	
Benzene	53.3		"	50.0		107	77-127		4.19	30	
Bromobenzene	52.7		"	50.0		105	77-129		2.48	30	
Bromochloromethane	52.4		"	50.0		105	74-129		5.41	30	
Bromodichloromethane	48.9		"	50.0		97.9	81-124		5.01	30	
Bromoform	46.9		"	50.0		93.8	80-136		3.93	30	
Bromomethane	56.9		"	50.0		114	32-177		1.55	30	
Carbon disulfide	55.7		"	50.0		111	10-136		7.39	30	
Carbon tetrachloride	49.9		"	50.0		99.8	66-143		4.59	30	
Chlorobenzene	51.6		"	50.0		103	86-120		1.56	30	
Chloroethane	50.9		"	50.0		102	51-142		0.750	30	
Chloroform	53.3		"	50.0		107	76-131		5.50	30	
Chloromethane	57.5		"	50.0		115	49-132		4.24	30	
cis-1,2-Dichloroethylene	53.8		"	50.0		108	74-132		4.55	30	
cis-1,3-Dichloropropylene	47.3		"	50.0		94.6	81-129		2.92	30	
Cyclohexane	49.7		"	50.0		99.3	70-130		3.40	30	
Dibromochloromethane	48.0		"	50.0		96.0	10-200		2.64	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10595 - EPA 5035A

LCS Dup (BB10595-BSD1) LCS Dup		Prepared & Analyzed: 02/12/2021									
Dibromomethane	53.0		ug/L	50.0		106	83-124		4.48	30	
Dichlorodifluoromethane	57.4		"	50.0		115	28-158		2.41	30	
Ethyl Benzene	52.8		"	50.0		106	84-125		2.38	30	
Hexachlorobutadiene	53.1		"	50.0		106	83-133		0.813	30	
Isopropylbenzene	52.8		"	50.0		106	81-127		2.36	30	
Methyl acetate	48.4		"	50.0		96.8	41-143		5.37	30	
Methyl tert-butyl ether (MTBE)	53.3		"	50.0		107	74-131		3.92	30	
Methylcyclohexane	49.9		"	50.0		99.9	70-130		2.37	30	
Methylene chloride	55.0		"	50.0		110	57-141		3.85	30	
n-Butylbenzene	54.3		"	50.0		109	80-130		2.46	30	
n-Propylbenzene	53.6		"	50.0		107	74-136		1.79	30	
o-Xylene	51.6		"	50.0		103	83-123		1.25	30	
p- & m- Xylenes	111		"	100		111	82-128		1.76	30	
p-Isopropyltoluene	54.8		"	50.0		110	85-125		2.14	30	
sec-Butylbenzene	56.9		"	50.0		114	83-125		2.20	30	
Styrene	52.6		"	50.0		105	86-126		0.801	30	
tert-Butyl alcohol (TBA)	270		"	250		108	70-130		7.63	30	
tert-Butylbenzene	52.9		"	50.0		106	80-127		2.84	30	
Tetrachloroethylene	48.5		"	50.0		97.1	80-129		1.87	30	
Toluene	52.7		"	50.0		105	85-121		2.07	30	
trans-1,2-Dichloroethylene	55.9		"	50.0		112	72-132		3.88	30	
trans-1,3-Dichloropropylene	46.2		"	50.0		92.3	78-132		1.95	30	
Trichloroethylene	54.2		"	50.0		108	84-123		1.92	30	
Trichlorofluoromethane	55.9		"	50.0		112	62-140		4.80	30	
Vinyl acetate	45.1		"	50.0		90.1	67-136		1.97	30	
Vinyl Chloride	56.6		"	50.0		113	52-130		3.88	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	48.8		"	50.0		97.6	77-125				
Surrogate: SURR: Toluene-d8	50.2		"	50.0		100	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.6		"	50.0		103	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10759 - EPA 5030B/1311

Blank (BB10759-BLK1)	Blank		Prepared & Analyzed: 02/17/2021								
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	50.9		"	50.0		102	65-135				
Surrogate: SURR: Toluene-d8	49.5		"	50.0		98.9	86-118				
Surrogate: SURR: p-Bromofluorobenzene	51.4		"	50.0		103	81-114				

LCS (BB10759-BS1)	LCS		Prepared & Analyzed: 02/17/2021								
1,1-Dichloroethylene	58.9		ug/L	50.0		118	68-134				
1,2-Dichloroethane	51.7		"	50.0		103	69-133				
1,4-Dichlorobenzene	51.3		"	50.0		103	82-124				
2-Butanone	43.0		"	50.0		86.1	44-169				
Benzene	54.9		"	50.0		110	72-134				
Carbon tetrachloride	55.3		"	50.0		111	62-145				
Chlorobenzene	52.0		"	50.0		104	85-119				
Chloroform	52.0		"	50.0		104	74-131				
Tetrachloroethylene	40.3		"	50.0		80.5	78-133				
Trichloroethylene	52.5		"	50.0		105	81-125				
Vinyl Chloride	52.4		"	50.0		105	42-136				
Surrogate: SURR: 1,2-Dichloroethane-d4	50.4		"	50.0		101	65-135				
Surrogate: SURR: Toluene-d8	50.1		"	50.0		100	86-118				
Surrogate: SURR: p-Bromofluorobenzene	50.0		"	50.0		100	81-114				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10759 - EPA 5030B/1311

LCS Dup (BB10759-BSD1) LCS Dup		Prepared & Analyzed: 02/17/2021									
1,1-Dichloroethylene	62.4		ug/L	50.0		125	68-134		5.77	30	
1,2-Dichloroethane	55.7		"	50.0		111	69-133		7.43	30	
1,4-Dichlorobenzene	53.9		"	50.0		108	82-124		4.96	30	
2-Butanone	49.3		"	50.0		98.7	44-169		13.6	30	
Benzene	58.3		"	50.0		117	72-134		5.92	30	
Carbon tetrachloride	58.5		"	50.0		117	62-145		5.59	30	
Chlorobenzene	54.9		"	50.0		110	85-119		5.54	30	
Chloroform	55.4		"	50.0		111	74-131		6.38	30	
Tetrachloroethylene	42.8		"	50.0		85.6	78-133		6.07	30	
Trichloroethylene	55.6		"	50.0		111	81-125		5.65	30	
Vinyl Chloride	58.3		"	50.0		117	42-136		10.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	51.4		"	50.0		103	65-135				
Surrogate: SURR: Toluene-d8	50.1		"	50.0		100	86-118				
Surrogate: SURR: p-Bromofluorobenzene	49.3		"	50.0		98.6	81-114				

Leach Fluid Blank (BB10759) Leach Fluid Blank		Prepared & Analyzed: 02/17/2021									
1,1-Dichloroethylene	ND	50	ug/L								
1,2-Dichloroethane	ND	50	"								
1,4-Dichlorobenzene	ND	50	"								
2-Butanone	ND	50	"								
Benzene	ND	50	"								
Carbon tetrachloride	ND	50	"								
Chlorobenzene	ND	50	"								
Chloroform	ND	50	"								
Tetrachloroethylene	ND	50	"								
Trichloroethylene	ND	50	"								
Vinyl Chloride	ND	50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	50.7		"	50.0		101	65-135				
Surrogate: SURR: Toluene-d8	49.4		"	50.0		98.7	86-118				
Surrogate: SURR: p-Bromofluorobenzene	51.0		"	50.0		102	81-114				



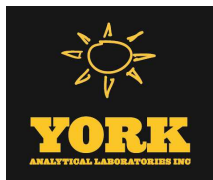
Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10678 - EPA 3510C

Blank (BB10678-BLK1)	Blank								Prepared & Analyzed: 02/16/2021		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10678 - EPA 3510C

Blank (BB10678-BLK1)	Blank								Prepared & Analyzed: 02/16/2021		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
<i>Surrogate: SURR: 2-Fluorophenol</i>	22.8		"	50.0		45.7	19.7-63.1				
<i>Surrogate: SURR: Phenol-d5</i>	15.2		"	50.0		30.5	10.1-41.7				
<i>Surrogate: SURR: Nitrobenzene-d5</i>	23.0		"	25.0		92.2	50.2-113				
<i>Surrogate: SURR: 2-Fluorobiphenyl</i>	19.6		"	25.0		78.6	39.9-105				
<i>Surrogate: SURR: 2,4,6-Tribromophenol</i>	50.2		"	50.0		100	39.3-151				
<i>Surrogate: SURR: Terphenyl-d14</i>	23.6		"	25.0		94.6	30.7-106				

Blank (BB10678-BLK2)	Blank								Prepared & Analyzed: 02/16/2021		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	0.690	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10678 - EPA 3510C											
LCS (BB10678-BS1)	LCS	Prepared & Analyzed: 02/16/2021									
1,1-Biphenyl	20.2	5.00	ug/L	25.0		81.0	33-95				
1,2,4,5-Tetrachlorobenzene	20.1	5.00	"	25.0		80.4	26-120				
1,2,4-Trichlorobenzene	19.0	5.00	"	25.0		76.1	20-118				
1,2-Dichlorobenzene	15.8	5.00	"	25.0		63.1	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	17.4	5.00	"	25.0		69.8	16-141				
1,3-Dichlorobenzene	15.3	5.00	"	25.0		61.3	23-117				
1,4-Dichlorobenzene	15.8	5.00	"	25.0		63.1	30-105				
2,3,4,6-Tetrachlorophenol	23.8	5.00	"	25.0		95.4	30-130				
2,4,5-Trichlorophenol	21.7	5.00	"	25.0		86.7	32-114				
2,4,6-Trichlorophenol	21.2	5.00	"	25.0		84.7	35-118				
2,4-Dichlorophenol	21.6	5.00	"	25.0		86.3	25-116				
2,4-Dimethylphenol	21.3	5.00	"	25.0		85.2	15-116				
2,4-Dinitrophenol	34.3	5.00	"	25.0		137	10-170				
2,4-Dinitrotoluene	23.4	5.00	"	25.0		93.8	41-128				
2,6-Dinitrotoluene	23.5	5.00	"	25.0		93.8	45-116				
2-Chloronaphthalene	17.2	5.00	"	25.0		68.8	33-112				
2-Chlorophenol	16.8	5.00	"	25.0		67.1	15-120				
2-Methylnaphthalene	21.7	5.00	"	25.0		87.0	24-118				
2-Methylphenol	16.0	5.00	"	25.0		64.1	10-110				
2-Nitroaniline	21.4	5.00	"	25.0		85.6	34-129				
2-Nitrophenol	26.2	5.00	"	25.0		105	28-118				
3- & 4-Methylphenols	13.7	5.00	"	25.0		54.6	10-107				
3,3-Dichlorobenzidine	18.5	5.00	"	25.0		73.9	15-187				
3-Nitroaniline	18.6	5.00	"	25.0		74.2	24-134				
4,6-Dinitro-2-methylphenol	32.0	5.00	"	25.0		128	10-153				
4-Bromophenyl phenyl ether	19.6	5.00	"	25.0		78.4	34-120				
4-Chloro-3-methylphenol	22.2	5.00	"	25.0		88.8	20-120				
4-Chloroaniline	16.0	5.00	"	25.0		64.1	10-147				
4-Chlorophenyl phenyl ether	19.2	5.00	"	25.0		77.0	27-121				
4-Nitroaniline	18.6	5.00	"	25.0		74.4	13-134				
4-Nitrophenol	13.0	5.00	"	25.0		52.0	10-131				
Acetophenone	19.2	5.00	"	25.0		76.9	25-110				
Aniline	14.5	5.00	"	25.0		57.8	10-117				
Benzaldehyde	19.9	5.00	"	25.0		79.8	29-117				
Benzoic acid	8.20	5.00	"	25.0		32.8	30-130				
Benzyl alcohol	17.6	5.00	"	25.0		70.2	10-117				
Benzyl butyl phthalate	21.4	5.00	"	25.0		85.6	29-133				
Bis(2-chloroethoxy)methane	19.5	5.00	"	25.0		78.1	10-154				
Bis(2-chloroethyl)ether	17.1	5.00	"	25.0		68.3	17-125				
Bis(2-chloroisopropyl)ether	17.1	5.00	"	25.0		68.4	10-139				
Caprolactam	7.88	5.00	"	25.0		31.5	10-137				
Carbazole	18.8	5.00	"	25.0		75.1	42-126				
Dibenzofuran	18.8	5.00	"	25.0		75.0	36-113				
Diethyl phthalate	18.7	5.00	"	25.0		74.8	38-115				
Dimethyl phthalate	18.6	5.00	"	25.0		74.2	38-129				
Di-n-butyl phthalate	20.8	5.00	"	25.0		83.0	31-120				
Di-n-octyl phthalate	21.9	5.00	"	25.0		87.5	21-149				
Hexachlorocyclopentadiene	22.1	10.0	"	25.0		88.4	10-130				
Isophorone	20.5	5.00	"	25.0		81.8	25-127				
N-nitroso-di-n-propylamine	17.0	5.00	"	25.0		67.8	26-122				
N-Nitrosodiphenylamine	21.9	5.00	"	25.0		87.6	23-149				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10678 - EPA 3510C

LCS (BB10678-BS1)	LCS	Prepared & Analyzed: 02/16/2021									
Phenol	9.75	5.00	ug/L	25.0		39.0	10-110				
Pyridine	12.5	5.00	"	25.2		49.4	10-90				
Surrogate: SURR: 2-Fluorophenol	23.3		"	50.0		46.7	19.7-63.1				
Surrogate: SURR: Phenol-d5	16.5		"	50.0		33.0	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	22.7		"	25.0		90.8	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	19.0		"	25.0		76.0	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	51.5		"	50.0		103	39.3-151				
Surrogate: SURR: Terphenyl-d14	24.2		"	25.0		96.6	30.7-106				

LCS (BB10678-BS2)	LCS	Prepared & Analyzed: 02/16/2021									
Acenaphthene	0.800	0.0500	ug/L	1.00		80.0	25-116				
Acenaphthylene	0.790	0.0500	"	1.00		79.0	26-116				
Anthracene	0.800	0.0500	"	1.00		80.0	25-123				
Benzo(a)anthracene	0.790	0.0500	"	1.00		79.0	33-125				
Benzo(a)pyrene	0.770	0.0500	"	1.00		77.0	32-132				
Benzo(b)fluoranthene	0.850	0.0500	"	1.00		85.0	22-137				
Benzo(g,h,i)perylene	0.750	0.0500	"	1.00		75.0	10-138				
Benzo(k)fluoranthene	0.810	0.0500	"	1.00		81.0	20-137				
Bis(2-ethylhexyl)phthalate	3.32	0.500	"	1.00		332	10-189	High Bias			
Chrysene	0.840	0.0500	"	1.00		84.0	32-124				
Dibenzo(a,h)anthracene	0.730	0.0500	"	1.00		73.0	16-133				
Fluoranthene	0.870	0.0500	"	1.00		87.0	32-121				
Fluorene	0.830	0.0500	"	1.00		83.0	28-118				
Hexachlorobenzene	0.700	0.0200	"	1.00		70.0	23-124				
Hexachlorobutadiene	0.780	0.500	"	1.00		78.0	15-123				
Hexachloroethane	0.750	0.500	"	1.00		75.0	18-115				
Indeno(1,2,3-cd)pyrene	0.740	0.0500	"	1.00		74.0	15-135				
Naphthalene	0.810	0.0500	"	1.00		81.0	18-120				
Nitrobenzene	0.740	0.250	"	1.00		74.0	21-121				
N-Nitrosodimethylamine	0.540	0.500	"	1.00		54.0	10-124				
Pentachlorophenol	1.26	0.250	"	1.00		126	10-156				
Phenanthrene	0.850	0.0500	"	1.00		85.0	24-127				
Pyrene	0.760	0.0500	"	1.00		76.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10678 - EPA 3510C											
LCS Dup (BB10678-BSD1)	LCS Dup		Prepared & Analyzed: 02/16/2021								
1,1-Biphenyl	20.5	5.00	ug/L	25.0		82.1	33-95		1.32	20	
1,2,4,5-Tetrachlorobenzene	20.0	5.00	"	25.0		80.0	26-120		0.549	20	
1,2,4-Trichlorobenzene	18.6	5.00	"	25.0		74.5	20-118		2.13	20	
1,2-Dichlorobenzene	16.0	5.00	"	25.0		64.1	29-111		1.64	20	
1,2-Diphenylhydrazine (as Azobenzene)	17.3	5.00	"	25.0		69.1	16-141		0.979	20	
1,3-Dichlorobenzene	15.7	5.00	"	25.0		62.8	23-117		2.45	20	
1,4-Dichlorobenzene	15.9	5.00	"	25.0		63.6	30-105		0.695	20	
2,3,4,6-Tetrachlorophenol	23.4	5.00	"	25.0		93.4	30-130		2.08	20	
2,4,5-Trichlorophenol	21.2	5.00	"	25.0		84.8	32-114		2.19	20	
2,4,6-Trichlorophenol	20.7	5.00	"	25.0		82.8	35-118		2.20	20	
2,4-Dichlorophenol	20.4	5.00	"	25.0		81.6	25-116		5.58	20	
2,4-Dimethylphenol	19.7	5.00	"	25.0		78.8	15-116		7.81	20	
2,4-Dinitrophenol	33.2	5.00	"	25.0		133	10-170		3.26	20	
2,4-Dinitrotoluene	22.2	5.00	"	25.0		88.9	41-128		5.34	20	
2,6-Dinitrotoluene	22.2	5.00	"	25.0		88.7	45-116		5.61	20	
2-Chloronaphthalene	17.3	5.00	"	25.0		69.3	33-112		0.811	20	
2-Chlorophenol	17.0	5.00	"	25.0		67.8	15-120		1.07	20	
2-Methylnaphthalene	20.4	5.00	"	25.0		81.6	24-118		6.41	20	
2-Methylphenol	15.9	5.00	"	25.0		63.7	10-110		0.689	20	
2-Nitroaniline	21.3	5.00	"	25.0		85.1	34-129		0.562	20	
2-Nitrophenol	25.2	5.00	"	25.0		101	28-118		4.12	20	
3- & 4-Methylphenols	13.6	5.00	"	25.0		54.4	10-107		0.440	20	
3,3-Dichlorobenzidine	17.4	5.00	"	25.0		69.4	15-187		6.20	20	
3-Nitroaniline	17.8	5.00	"	25.0		71.2	24-134		4.18	20	
4,6-Dinitro-2-methylphenol	29.8	5.00	"	25.0		119	10-153		7.09	20	
4-Bromophenyl phenyl ether	19.2	5.00	"	25.0		76.8	34-120		2.11	20	
4-Chloro-3-methylphenol	20.3	5.00	"	25.0		81.4	20-120		8.70	20	
4-Chloroaniline	14.2	5.00	"	25.0		56.6	10-147		12.3	20	
4-Chlorophenyl phenyl ether	18.8	5.00	"	25.0		75.2	27-121		2.31	20	
4-Nitroaniline	18.5	5.00	"	25.0		74.1	13-134		0.431	20	
4-Nitrophenol	12.2	5.00	"	25.0		48.6	10-131		6.76	20	
Acetophenone	19.6	5.00	"	25.0		78.5	25-110		2.06	20	
Aniline	14.2	5.00	"	25.0		57.0	10-117		1.53	20	
Benzaldehyde	19.9	5.00	"	25.0		79.6	29-117		0.251	20	
Benzoic acid	8.07	5.00	"	25.0		32.3	30-130		1.60	20	
Benzyl alcohol	18.1	5.00	"	25.0		72.2	10-117		2.86	20	
Benzyl butyl phthalate	22.0	5.00	"	25.0		88.0	29-133		2.76	20	
Bis(2-chloroethoxy)methane	18.5	5.00	"	25.0		74.0	10-154		5.37	20	
Bis(2-chloroethyl)ether	17.6	5.00	"	25.0		70.5	17-125		3.17	20	
Bis(2-chloroisopropyl)ether	17.4	5.00	"	25.0		69.7	10-139		1.91	20	
Caprolactam	7.68	5.00	"	25.0		30.7	10-137		2.57	20	
Carbazole	18.5	5.00	"	25.0		74.2	42-126		1.23	20	
Dibenzofuran	18.7	5.00	"	25.0		74.6	36-113		0.534	20	
Diethyl phthalate	18.3	5.00	"	25.0		73.2	38-115		2.11	20	
Dimethyl phthalate	18.0	5.00	"	25.0		72.1	38-129		2.90	20	
Di-n-butyl phthalate	20.4	5.00	"	25.0		81.8	31-120		1.55	20	
Di-n-octyl phthalate	22.9	5.00	"	25.0		91.7	21-149		4.69	20	
Hexachlorocyclopentadiene	21.9	10.0	"	25.0		87.7	10-130		0.863	20	
Isophorone	19.6	5.00	"	25.0		78.4	25-127		4.29	20	
N-nitroso-di-n-propylamine	17.0	5.00	"	25.0		67.9	26-122		0.177	20	
N-Nitrosodiphenylamine	21.1	5.00	"	25.0		84.3	23-149		3.77	20	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10678 - EPA 3510C

LCS Dup (BB10678-BSD1)	LCS Dup	Prepared & Analyzed: 02/16/2021									
Phenol	9.67	5.00	ug/L	25.0		38.7	10-110		0.824	20	
Pyridine	13.4	5.00	"	25.2		53.2	10-90		7.41	20	
Surrogate: SURR: 2-Fluorophenol	23.3		"	50.0		46.6	19.7-63.1				
Surrogate: SURR: Phenol-d5	15.9		"	50.0		31.7	10.1-41.7				
Surrogate: SURR: Nitrobenzene-d5	21.5		"	25.0		86.0	50.2-113				
Surrogate: SURR: 2-Fluorobiphenyl	18.8		"	25.0		75.3	39.9-105				
Surrogate: SURR: 2,4,6-Tribromophenol	49.0		"	50.0		98.1	39.3-151				
Surrogate: SURR: Terphenyl-d14	24.0		"	25.0		95.9	30.7-106				

Batch BB10716 - EPA 3546 SVOA

Blank (BB10716-BLK1)	Blank	Prepared: 02/16/2021 Analyzed: 02/17/2021									
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10716 - EPA 3546 SVOA

Blank (BB10716-BLK1)	Blank	Prepared: 02/16/2021 Analyzed: 02/17/2021									
Benzo(a)anthracene	ND	0.0416	mg/kg wet								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	1.23		"	1.66		74.1	20-108				
Surrogate: SURR: Phenol-d5	1.20		"	1.66		72.0	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.724		"	0.831		87.2	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.688		"	0.831		82.9	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.45		"	1.66		87.4	19-110				
Surrogate: SURR: Terphenyl-d14	0.884		"	0.831		106	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10716 - EPA 3546 SVOA											
LCS (BB10716-BS1)	LCS										
						Prepared: 02/16/2021 Analyzed: 02/17/2021					
1,1-Biphenyl	0.558	0.0416	mg/kg wet	0.831		67.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.612	0.0830	"	0.831		73.7	21-131				
1,2,4-Trichlorobenzene	0.649	0.0416	"	0.831		78.2	10-140				
1,2-Dichlorobenzene	0.548	0.0416	"	0.831		66.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.559	0.0416	"	0.831		67.3	17-137				
1,3-Dichlorobenzene	0.538	0.0416	"	0.831		64.8	33-110				
1,4-Dichlorobenzene	0.533	0.0416	"	0.831		64.1	32-104				
2,3,4,6-Tetrachlorophenol	0.648	0.0830	"	0.831		78.0	30-130				
2,4,5-Trichlorophenol	0.650	0.0416	"	0.831		78.2	27-118				
2,4,6-Trichlorophenol	0.644	0.0416	"	0.831		77.5	31-120				
2,4-Dichlorophenol	0.713	0.0416	"	0.831		85.9	20-127				
2,4-Dimethylphenol	0.750	0.0416	"	0.831		90.3	14-132				
2,4-Dinitrophenol	0.188	0.0830	"	0.831		22.6	10-171				
2,4-Dinitrotoluene	0.710	0.0416	"	0.831		85.5	34-131				
2,6-Dinitrotoluene	0.710	0.0416	"	0.831		85.5	31-128				
2-Chloronaphthalene	0.585	0.0416	"	0.831		70.5	31-117				
2-Chlorophenol	0.578	0.0416	"	0.831		69.6	33-113				
2-Methylnaphthalene	0.725	0.0416	"	0.831		87.3	12-138				
2-Methylphenol	0.601	0.0416	"	0.831		72.4	10-136				
2-Nitroaniline	0.702	0.0830	"	0.831		84.6	27-132				
2-Nitrophenol	0.712	0.0416	"	0.831		85.7	17-129				
3- & 4-Methylphenols	0.537	0.0416	"	0.831		64.6	29-103				
3,3-Dichlorobenzidine	0.243	0.0416	"	0.831		29.2	22-149				
3-Nitroaniline	0.461	0.0830	"	0.831		55.5	20-133				
4,6-Dinitro-2-methylphenol	0.425	0.0830	"	0.831		51.1	10-143				
4-Bromophenyl phenyl ether	0.622	0.0416	"	0.831		74.8	29-120				
4-Chloro-3-methylphenol	0.678	0.0416	"	0.831		81.6	24-129				
4-Chloroaniline	0.331	0.0416	"	0.831		39.8	10-132				
4-Chlorophenyl phenyl ether	0.611	0.0416	"	0.831		73.5	27-124				
4-Nitroaniline	0.654	0.0830	"	0.831		78.8	16-128				
4-Nitrophenol	0.587	0.0830	"	0.831		70.7	10-141				
Acenaphthene	0.601	0.0416	"	0.831		72.4	30-121				
Acenaphthylene	0.616	0.0416	"	0.831		74.2	30-115				
Acetophenone	0.515	0.0416	"	0.831		62.0	20-112				
Aniline	0.416	0.166	"	0.831		50.1	10-119				
Anthracene	0.652	0.0416	"	0.831		78.5	34-118				
Atrazine	0.646	0.0416	"	0.831		77.8	26-112				
Benzaldehyde	0.520	0.0416	"	0.831		62.6	21-100				
Benzo(a)anthracene	0.743	0.0416	"	0.831		89.5	32-122				
Benzo(a)pyrene	0.705	0.0416	"	0.831		84.8	29-133				
Benzo(b)fluoranthene	0.740	0.0416	"	0.831		89.1	25-133				
Benzo(g,h,i)perylene	0.707	0.0416	"	0.831		85.1	10-143				
Benzo(k)fluoranthene	0.643	0.0416	"	0.831		77.4	25-128				
Benzoic acid	0.0870	0.0416	"	0.831		10.5	10-140				
Benzyl alcohol	0.662	0.0416	"	0.831		79.7	30-115				
Benzyl butyl phthalate	0.749	0.0416	"	0.831		90.1	26-126				
Bis(2-chloroethoxy)methane	0.616	0.0416	"	0.831		74.2	19-132				
Bis(2-chloroethyl)ether	0.566	0.0416	"	0.831		68.2	19-125				
Bis(2-chloroisopropyl)ether	0.613	0.0416	"	0.831		73.8	20-135				
Bis(2-ethylhexyl)phthalate	0.742	0.0416	"	0.831		89.4	10-155				
Caprolactam	0.641	0.0830	"	0.831		77.2	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10716 - EPA 3546 SVOA

LCS (BB10716-BS1)	LCS	Prepared: 02/16/2021 Analyzed: 02/17/2021									
Carbazole	0.640	0.0416	mg/kg wet	0.831		77.1	35-123				
Chrysene	0.675	0.0416	"	0.831		81.3	32-123				
Dibenzo(a,h)anthracene	0.710	0.0416	"	0.831		85.5	10-136				
Dibenzofuran	0.613	0.0416	"	0.831		73.8	29-121				
Diethyl phthalate	0.602	0.0416	"	0.831		72.5	34-116				
Dimethyl phthalate	0.608	0.0416	"	0.831		73.2	35-124				
Di-n-butyl phthalate	0.649	0.0416	"	0.831		78.1	31-116				
Di-n-octyl phthalate	0.898	0.0416	"	0.831		108	26-136				
Fluoranthene	0.669	0.0416	"	0.831		80.6	33-122				
Fluorene	0.617	0.0416	"	0.831		74.2	29-123				
Hexachlorobenzene	0.592	0.0416	"	0.831		71.3	21-124				
Hexachlorobutadiene	0.696	0.0416	"	0.831		83.8	10-149				
Hexachlorocyclopentadiene	0.520	0.0416	"	0.831		62.6	10-129				
Hexachloroethane	0.550	0.0416	"	0.831		66.2	28-108				
Indeno(1,2,3-cd)pyrene	0.765	0.0416	"	0.831		92.1	10-135				
Isophorone	0.658	0.0416	"	0.831		79.3	20-132				
Naphthalene	0.646	0.0416	"	0.831		77.8	23-124				
Nitrobenzene	0.638	0.0416	"	0.831		76.8	13-132				
N-Nitrosodimethylamine	0.472	0.0416	"	0.831		56.8	11-129				
N-nitroso-di-n-propylamine	0.538	0.0416	"	0.831		64.8	24-119				
N-Nitrosodiphenylamine	0.700	0.0416	"	0.831		84.3	22-152				
Pentachlorophenol	0.375	0.0416	"	0.831		45.2	10-139				
Phenanthrene	0.647	0.0416	"	0.831		77.9	33-123				
Phenol	0.594	0.0416	"	0.831		71.6	23-115				
Pyrene	0.660	0.0416	"	0.831		79.4	24-130				
Pyridine	0.217	0.166	"	0.831		26.1	10-91				
Surrogate: SURR: 2-Fluorophenol	1.12		"	1.66		67.3	20-108				
Surrogate: SURR: Phenol-d5	1.06		"	1.66		63.9	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.640		"	0.831		77.0	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.577		"	0.831		69.4	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.48		"	1.66		89.1	19-110				
Surrogate: SURR: Terphenyl-d14	0.773		"	0.831		93.1	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10826 - EPA 3510C/1311

Blank (BB10826-BLK1)	Blank		Prepared: 02/18/2021 Analyzed: 02/19/2021								
1,4-Dichlorobenzene	ND	5.00	ug/L								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Cresols, total	ND	15.0	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachloroethane	ND	2.50	"								
Nitrobenzene	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	34.9		"	50.0		69.7	10-90.9				
Surrogate: SURR: Phenol-d5	28.0		"	50.0		56.1	10-69.2				
Surrogate: SURR: Nitrobenzene-d5	23.4		"	25.0		93.8	19.2-141				
Surrogate: SURR: 2-Fluorobiphenyl	22.4		"	25.0		89.7	24.8-127				
Surrogate: SURR: 2,4,6-Tribromophenol	53.3		"	50.0		107	23-163				
Surrogate: SURR: Terphenyl-d14	29.4		"	25.0		118	25.8-110				

LCS (BB10826-BS1)	LCS		Prepared: 02/18/2021 Analyzed: 02/19/2021								
1,4-Dichlorobenzene	17.1	5.00	ug/L	25.0		68.4	30-105				
2,4,5-Trichlorophenol	21.5	5.00	"	25.0		86.0	32-114				
2,4,6-Trichlorophenol	21.1	5.00	"	25.0		84.5	35-118				
2,4-Dinitrotoluene	21.3	5.00	"	25.0		85.1	41-128				
2-Methylphenol	18.4	5.00	"	25.0		73.6	10-110				
3- & 4-Methylphenols	17.3	5.00	"	25.0		69.3	10-107				
Cresols, total	35.7	15.0	"	50.0		71.5	30-130				
Hexachlorobenzene	20.2	5.00	"	25.0		80.8	23-124				
Hexachlorobutadiene	19.8	5.00	"	25.0		79.0	15-123				
Hexachloroethane	17.6	2.50	"	25.0		70.6	18-115				
Nitrobenzene	19.2	5.00	"	25.0		76.9	21-121				
Pentachlorophenol	27.2	5.00	"	25.0		109	10-156				
Pyridine	17.0	5.00	"	25.0		67.8	10-90				
Surrogate: SURR: 2-Fluorophenol	33.6		"	50.0		67.2	10-90.9				
Surrogate: SURR: Phenol-d5	28.0		"	50.0		56.1	10-69.2				
Surrogate: SURR: Nitrobenzene-d5	20.4		"	25.0		81.5	19.2-141				
Surrogate: SURR: 2-Fluorobiphenyl	20.0		"	25.0		80.1	24.8-127				
Surrogate: SURR: 2,4,6-Tribromophenol	49.6		"	50.0		99.2	23-163				
Surrogate: SURR: Terphenyl-d14	25.8		"	25.0		103	25.8-110				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

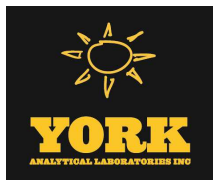
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10826 - EPA 3510C/1311

LCS Dup (BB10826-BSD1) LCS Dup		Prepared: 02/18/2021 Analyzed: 02/19/2021									
1,4-Dichlorobenzene	21.7	5.00	ug/L	25.0		86.7	30-105		23.6	20	Non-dir.
2,4,5-Trichlorophenol	26.2	5.00	"	25.0		105	32-114		19.8	20	
2,4,6-Trichlorophenol	25.6	5.00	"	25.0		102	35-118		19.1	20	
2,4-Dinitrotoluene	26.3	5.00	"	25.0		105	41-128		21.2	20	Non-dir.
2-Methylphenol	22.7	5.00	"	25.0		90.9	10-110		21.0	20	Non-dir.
3- & 4-Methylphenols	21.1	5.00	"	25.0		84.3	10-107		19.5	20	
Cresols, total	43.8	15.0	"	50.0		87.6	30-130		20.3	20	Non-dir.
Hexachlorobenzene	25.0	5.00	"	25.0		100	23-124		21.3	20	Non-dir.
Hexachlorobutadiene	24.9	5.00	"	25.0		99.6	15-123		23.0	20	Non-dir.
Hexachloroethane	21.6	2.50	"	25.0		86.3	18-115		20.0	20	
Nitrobenzene	23.9	5.00	"	25.0		95.6	21-121		21.7	20	Non-dir.
Pentachlorophenol	33.7	5.00	"	25.0		135	10-156		21.3	20	Non-dir.
Pyridine	19.3	5.00	"	25.0		77.2	10-90		12.9	20	
Surrogate: SURR: 2-Fluorophenol	40.1		"	50.0		80.3	10-90.9				
Surrogate: SURR: Phenol-d5	33.7		"	50.0		67.4	10-69.2				
Surrogate: SURR: Nitrobenzene-d5	25.6		"	25.0		102	19.2-141				
Surrogate: SURR: 2-Fluorobiphenyl	24.9		"	25.0		99.6	24.8-127				
Surrogate: SURR: 2,4,6-Tribromophenol	60.7		"	50.0		121	23-163				
Surrogate: SURR: Terphenyl-d14	30.2		"	25.0		121	25.8-110				

Leach Fluid Blank (BB10826) Leach Fluid Blank		Prepared: 02/18/2021 Analyzed: 02/19/2021									
1,4-Dichlorobenzene	ND	5.00	ug/L								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Cresols, total	ND	15.0	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachloroethane	ND	2.50	"								
Nitrobenzene	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	30.5		"	50.0		61.0	10-90.9				
Surrogate: SURR: Phenol-d5	25.4		"	50.0		50.8	10-69.2				
Surrogate: SURR: Nitrobenzene-d5	21.2		"	25.0		84.6	19.2-141				
Surrogate: SURR: 2-Fluorobiphenyl	20.7		"	25.0		82.6	24.8-127				
Surrogate: SURR: 2,4,6-Tribromophenol	48.7		"	50.0		97.4	23-163				
Surrogate: SURR: Terphenyl-d14	26.0		"	25.0		104	25.8-110				



Organochlorine Pesticides by GC/ECD - Quality Control Data

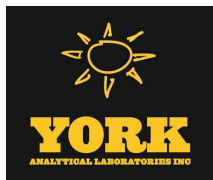
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10646 - EPA SW846-3510C Low Level

Blank (BB10646-BLK1)	Blank		Prepared: 02/15/2021 Analyzed: 02/16/2021								
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	0.173		"	0.200		86.7	30-150				
Surrogate: Tetrachloro-m-xylene	0.148		"	0.200		73.9	30-150				

LCS (BB10646-BS1)	LCS		Prepared: 02/15/2021 Analyzed: 02/16/2021								
4,4'-DDD	0.119	0.00400	ug/L	0.100		119	40-140				
4,4'-DDE	0.0932	0.00400	"	0.100		93.2	40-140				
4,4'-DDT	0.116	0.00400	"	0.100		116	40-140				
Aldrin	0.0966	0.00400	"	0.100		96.6	40-140				
alpha-BHC	0.0986	0.00400	"	0.100		98.6	40-140				
alpha-Chlordane	0.0847	0.00400	"	0.100		84.7	40-140				
beta-BHC	0.114	0.00400	"	0.100		114	40-140				
delta-BHC	0.102	0.00400	"	0.100		102	40-140				
Dieldrin	0.105	0.00200	"	0.100		105	40-140				
Endosulfan I	0.100	0.00400	"	0.100		100	40-140				
Endosulfan II	0.122	0.00400	"	0.100		122	40-140				
Endosulfan sulfate	0.123	0.00400	"	0.100		123	40-140				
Endrin	0.109	0.00400	"	0.100		109	40-140				
Endrin aldehyde	0.108	0.0100	"	0.100		108	40-140				
Endrin ketone	0.120	0.0100	"	0.100		120	40-140				
gamma-BHC (Lindane)	0.108	0.00400	"	0.100		108	40-140				
gamma-Chlordane	0.0913	0.0100	"	0.100		91.3	40-140				
Heptachlor	0.113	0.00400	"	0.100		113	40-140				
Heptachlor epoxide	0.104	0.00400	"	0.100		104	40-140				
Methoxychlor	0.130	0.00400	"	0.100		130	40-140				
Surrogate: Decachlorobiphenyl	0.161		"	0.200		80.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.139		"	0.200		69.5	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10646 - EPA SW846-3510C Low Level

LCS Dup (BB10646-BSI1)	LCS Dup	Prepared: 02/15/2021 Analyzed: 02/16/2021									
4,4'-DDD	0.142	0.00400	ug/L	0.100		142	40-140	High Bias	17.6	20	
4,4'-DDE	0.114	0.00400	"	0.100		114	40-140		20.2	20	Non-dir.
4,4'-DDT	0.147	0.00400	"	0.100		147	40-140	High Bias	23.0	20	Non-dir.
Aldrin	0.116	0.00400	"	0.100		116	40-140		18.5	20	
alpha-BHC	0.115	0.00400	"	0.100		115	40-140		15.1	20	
alpha-Chlordane	0.103	0.00400	"	0.100		103	40-140		19.5	20	
beta-BHC	0.137	0.00400	"	0.100		137	40-140		18.4	20	
delta-BHC	0.120	0.00400	"	0.100		120	40-140		16.2	20	
Dieldrin	0.126	0.00200	"	0.100		126	40-140		18.9	20	
Endosulfan I	0.120	0.00400	"	0.100		120	40-140		18.2	20	
Endosulfan II	0.145	0.00400	"	0.100		145	40-140	High Bias	17.3	20	
Endosulfan sulfate	0.148	0.00400	"	0.100		148	40-140	High Bias	18.5	20	
Endrin	0.133	0.00400	"	0.100		133	40-140		19.8	20	
Endrin aldehyde	0.127	0.0100	"	0.100		127	40-140		16.5	20	
Endrin ketone	0.143	0.0100	"	0.100		143	40-140	High Bias	17.7	20	
gamma-BHC (Lindane)	0.124	0.00400	"	0.100		124	40-140		14.1	20	
gamma-Chlordane	0.112	0.0100	"	0.100		112	40-140		20.3	20	Non-dir.
Heptachlor	0.130	0.00400	"	0.100		130	40-140		14.5	20	
Heptachlor epoxide	0.122	0.00400	"	0.100		122	40-140		16.1	20	
Methoxychlor	0.160	0.00400	"	0.100		160	40-140	High Bias	21.0	20	Non-dir.
Surrogate: Decachlorobiphenyl	0.193		"	0.200		96.3	30-150				
Surrogate: Tetrachloro-m-xylene	0.162		"	0.200		80.8	30-150				

Batch BB10714 - EPA 3550C

Blank (BB10714-BLK1)	Blank	Prepared: 02/16/2021 Analyzed: 02/18/2021									
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	0.0663		"	0.0664		99.8	30-150				
Surrogate: Tetrachloro-m-xylene	0.0582		"	0.0664		87.5	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10714 - EPA 3550C

LCS (BB10714-BS1)	LCS	Prepared: 02/16/2021 Analyzed: 02/18/2021									
4,4'-DDD	0.0411	0.00164	mg/kg wet	0.0332		124	40-140				
4,4'-DDE	0.0319	0.00164	"	0.0332		96.0	40-140				
4,4'-DDT	0.0299	0.00164	"	0.0332		90.1	40-140				
Aldrin	0.0392	0.00164	"	0.0332		118	40-140				
alpha-BHC	0.0387	0.00164	"	0.0332		116	40-140				
alpha-Chlordane	0.0370	0.00164	"	0.0332		111	40-140				
beta-BHC	0.0354	0.00164	"	0.0332		107	40-140				
delta-BHC	0.0360	0.00164	"	0.0332		108	40-140				
Dieldrin	0.0379	0.00164	"	0.0332		114	40-140				
Endosulfan I	0.0418	0.00164	"	0.0332		126	40-140				
Endosulfan II	0.0388	0.00164	"	0.0332		117	40-140				
Endosulfan sulfate	0.0394	0.00164	"	0.0332		119	40-140				
Endrin	0.0344	0.00164	"	0.0332		104	40-140				
Endrin aldehyde	0.0341	0.00164	"	0.0332		103	40-140				
Endrin ketone	0.0394	0.00164	"	0.0332		119	40-140				
gamma-BHC (Lindane)	0.0379	0.00164	"	0.0332		114	40-140				
gamma-Chlordane	0.0382	0.00164	"	0.0332		115	40-140				
Heptachlor	0.0386	0.00164	"	0.0332		116	40-140				
Heptachlor epoxide	0.0390	0.00164	"	0.0332		117	40-140				
Methoxychlor	0.0295	0.00164	"	0.0332		88.8	40-140				
Surrogate: Decachlorobiphenyl	0.0716		"	0.0664		108	30-150				
Surrogate: Tetrachloro-m-xylene	0.0643		"	0.0664		96.8	30-150				

Batch BB10825 - EPA 3510C/1311

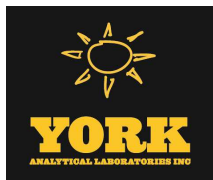
Blank (BB10825-BLK1)	Blank	Prepared: 02/18/2021 Analyzed: 02/19/2021									
Endrin	ND	0.0400	ug/L								
gamma-BHC (Lindane)	ND	0.0400	"								
Heptachlor	ND	0.0400	"								
Heptachlor epoxide	ND	0.0400	"								
Methoxychlor	ND	0.0400	"								
Toxaphene	ND	1.00	"								
Surrogate: Decachlorobiphenyl	1.17		"	2.00		58.3	30-150				
Surrogate: Tetrachloro-m-xylene	1.66		"	2.00		83.2	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10825 - EPA 3510C/1311											
LCS (BB10825-BS1)	LCS						Prepared: 02/18/2021 Analyzed: 02/19/2021				
Endrin	1.05	0.0400	ug/L	1.00		105	40-140				
gamma-BHC (Lindane)	1.13	0.0400	"	1.00		113	40-140				
Heptachlor	1.13	0.0400	"	1.00		113	40-140				
Heptachlor epoxide	1.12	0.0400	"	1.00		112	40-140				
Methoxychlor	1.01	0.0400	"	1.00		101	40-140				
Surrogate: Decachlorobiphenyl	0.585		"	2.00		29.2	30-150				
Surrogate: Tetrachloro-m-xylene	1.62		"	2.00		81.0	30-150				
LCS Dup (BB10825-BSD1)	LCS Dup						Prepared: 02/18/2021 Analyzed: 02/19/2021				
Endrin	1.07	0.0400	ug/L	1.00		107	40-140		1.66	20	
gamma-BHC (Lindane)	1.12	0.0400	"	1.00		112	40-140		0.342	20	
Heptachlor	1.13	0.0400	"	1.00		113	40-140		0.183	20	
Heptachlor epoxide	1.11	0.0400	"	1.00		111	40-140		0.779	20	
Methoxychlor	1.06	0.0400	"	1.00		106	40-140		4.39	20	
Surrogate: Decachlorobiphenyl	1.20		"	2.00		59.8	30-150				
Surrogate: Tetrachloro-m-xylene	1.61		"	2.00		80.5	30-150				
Leach Fluid Blank (BB10825-1)	Leach Fluid Blank						Prepared: 02/18/2021 Analyzed: 02/19/2021				
Endrin	ND	0.0400	ug/L								
gamma-BHC (Lindane)	ND	0.0400	"								
Heptachlor	ND	0.0400	"								
Heptachlor epoxide	ND	0.0400	"								
Methoxychlor	ND	0.0400	"								
Toxaphene	ND	1.00	"								
Surrogate: Decachlorobiphenyl	0.897		"	2.00		44.8	30-150				
Surrogate: Tetrachloro-m-xylene	0.995		"	2.00		49.7	30-150				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10646 - EPA SW846-3510C Low Level

Blank (BB10646-BLK2)	Blank		Prepared: 02/15/2021 Analyzed: 02/16/2021								
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								

Surrogate: Tetrachloro-m-xylene	0.138		"	0.200		69.0	30-120				
Surrogate: Decachlorobiphenyl	0.130		"	0.200		65.0	30-120				

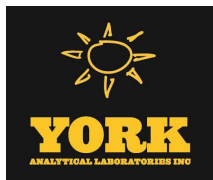
LCS (BB10646-BS2)	LCS		Prepared: 02/15/2021 Analyzed: 02/16/2021								
Aroclor 1016	0.833	0.0500	ug/L	1.00		83.3	40-120				
Aroclor 1260	0.849	0.0500	"	1.00		84.9	40-120				
Surrogate: Tetrachloro-m-xylene	0.138		"	0.200		69.0	30-120				
Surrogate: Decachlorobiphenyl	0.125		"	0.200		62.5	30-120				

LCS Dup (BB10646-BSD2)	LCS Dup		Prepared: 02/15/2021 Analyzed: 02/16/2021								
Aroclor 1016	0.957	0.0500	ug/L	1.00		95.7	40-120		13.8	30	
Aroclor 1260	0.839	0.0500	"	1.00		83.9	40-120		1.16	30	
Surrogate: Tetrachloro-m-xylene	0.149		"	0.200		74.5	30-120				
Surrogate: Decachlorobiphenyl	0.101		"	0.200		50.5	30-120				

Batch BB10714 - EPA 3550C

Blank (BB10714-BLK2)	Blank		Prepared: 02/16/2021 Analyzed: 02/17/2021								
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								

Surrogate: Tetrachloro-m-xylene	0.0485		"	0.0664		73.0	30-120				
Surrogate: Decachlorobiphenyl	0.0429		"	0.0664		64.5	30-120				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10714 - EPA 3550C

LCS (BB10714-BS2)	LCS	Prepared: 02/16/2021 Analyzed: 02/17/2021									
Aroclor 1016	0.272	0.0166	mg/kg wet	0.332		81.9	40-130				
Aroclor 1260	0.276	0.0166	"	0.332		83.1	40-130				
Surrogate: Tetrachloro-m-xylene	0.0522		"	0.0664		78.5	30-120				
Surrogate: Decachlorobiphenyl	0.0449		"	0.0664		67.5	30-120				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10752 - EPA 3550C/8151A											
Blank (BB10752-BLK1)	Blank							Prepared & Analyzed: 02/17/2021			
2,4,5-T	ND	0.0167	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0167	"								
2,4-D	ND	0.0167	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.295		"	0.417		70.8	21-150				
LCS (BB10752-BS1)	LCS							Prepared & Analyzed: 02/17/2021			
2,4,5-T	0.0675	0.0167	mg/kg wet	0.133		50.6	10-120				
2,4,5-TP (Silvex)	0.0708	0.0167	"	0.133		53.1	10-120				
2,4-D	0.0725	0.0167	"	0.133		54.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.282		"	0.417		67.8	21-150				
Batch BB10753 - EPA 8151A											
Blank (BB10753-BLK1)	Blank							Prepared & Analyzed: 02/17/2021			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	104		"	125		83.2	30-150				
LCS (BB10753-BS1)	LCS							Prepared & Analyzed: 02/17/2021			
2,4,5-T	24.0	5.00	ug/L	40.0		60.0	10-140				
2,4,5-TP (Silvex)	25.0	5.00	"	40.0		62.5	10-139				
2,4-D	25.0	5.00	"	40.0		62.5	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	84.2		"	125		67.4	30-150				
LCS Dup (BB10753-BSD1)	LCS Dup							Prepared & Analyzed: 02/17/2021			
2,4,5-T	24.0	5.00	ug/L	40.0		60.0	10-140	0.00	30		
2,4,5-TP (Silvex)	25.0	5.00	"	40.0		62.5	10-139	0.00	30		
2,4-D	26.5	5.00	"	40.0		66.2	10-140	5.83	30		
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	91.5		"	125		73.2	30-150				



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10827 - EPA 3535A/1311											
Blank (BB10827-BLK1)	Blank							Prepared & Analyzed: 02/18/2021			
2,4,5-TP (Silvex)	ND	5.00	ug/L								
2,4-D	ND	5.00	"								
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	62.8		"	125		50.2	10-130				
LCS (BB10827-BS1)	LCS							Prepared & Analyzed: 02/18/2021			
2,4,5-TP (Silvex)	16.5	5.00	ug/L	40.0		41.2	10-139				
2,4-D	15.8	5.00	"	40.0		39.4	10-140				
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	68.0		"	125		54.4	10-130				
LCS Dup (BB10827-BSD1)	LCS Dup							Prepared & Analyzed: 02/18/2021			
2,4,5-TP (Silvex)	15.8	5.00	ug/L	40.0		39.4	10-139		4.65	30	
2,4-D	15.0	5.00	"	40.0		37.5	10-140		4.88	30	
<i>Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)</i>	69.5		"	125		55.6	10-130				



Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10680 - EPA 3546 EPH

Blank (BB10680-BLK1)	Blank	Prepared & Analyzed: 02/16/2021									
Total EPH	ND	49.5	mg/kg wet								
Surrogate: 1-Chlorooctadecane	6.24		"	9.90		63.1	31.6-128				
Surrogate: o-Terphenyl	6.43		"	9.90		64.9	28.7-124				
LCS (BB10680-BS1)	LCS	Prepared & Analyzed: 02/16/2021									
Total EPH	126	49.5	mg/kg wet	178		70.6	40-140				
Surrogate: 1-Chlorooctadecane	7.23		"	9.90		73.1	31.6-128				
Surrogate: o-Terphenyl	7.38		"	9.90		74.5	28.7-124				
LCS Dup (BB10680-BSD1)	LCS Dup	Prepared & Analyzed: 02/16/2021									
Total EPH	118	49.5	mg/kg wet	178		66.4	40-140	6.07	30		
Surrogate: 1-Chlorooctadecane	6.79		"	9.90		68.5	31.6-128				
Surrogate: o-Terphenyl	6.84		"	9.90		69.1	28.7-124				

Batch BB10763 - EPA SW846-3510C Low Level

Blank (BB10763-BLK1)	Blank	Prepared: 02/17/2021 Analyzed: 02/18/2021									
Total EPH	ND	0.100	mg/L								
Surrogate: 1-Chlorooctadecane	0.0670		"	0.100		67.0	40-140				
Surrogate: o-Terphenyl	0.0638		"	0.100		63.8	40-140				
LCS (BB10763-BS1)	LCS	Prepared: 02/17/2021 Analyzed: 02/18/2021									
Total EPH	1.11	0.100	mg/L	1.80		61.9	40-140				
Surrogate: 1-Chlorooctadecane	0.0600		"	0.100		60.0	40-140				
Surrogate: o-Terphenyl	0.0563		"	0.100		56.3	40-140				
LCS Dup (BB10763-BSD1)	LCS Dup	Prepared: 02/17/2021 Analyzed: 02/18/2021									
Total EPH	1.23	0.100	mg/L	1.80		68.4	40-140	9.90	30		
Surrogate: 1-Chlorooctadecane	0.0664		"	0.100		66.4	40-140				
Surrogate: o-Terphenyl	0.0638		"	0.100		63.8	40-140				



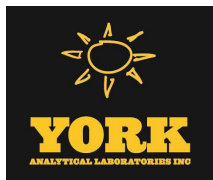
Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10601 - EPA 3050B

Blank (BB10601-BLK1)	Blank										
						Prepared: 02/12/2021 Analyzed: 02/17/2021					
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	128	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	14.0	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	8.20	2.50	"								

Reference (BB10601-SRM1)	Reference										
						Prepared: 02/12/2021 Analyzed: 02/17/2021					
Aluminum	7570	5.00	mg/kg wet	8190		92.4	50.5-150.1				
Antimony	67.3	2.50	"	110		61.2	19-251.7				
Arsenic	144	1.50	"	162		88.6	70.1-129.8				
Barium	125	2.50	"	138		90.5	75-125				
Beryllium	143	0.050	"	157		91.0	75-125.2				
Cadmium	126	0.300	"	135		93.1	74.8-125.2				
Calcium	4360	5.00	"	4790		91.0	72.7-127.5				
Chromium	103	0.500	"	117		88.4	70.1-129.9				
Cobalt	88.0	0.400	"	92.6		95.1	75-125				
Copper	128	2.00	"	143		89.6	75.3-125.3				
Iron	12700	25.0	"	15100		83.8	35.8-164.6				
Lead	64.8	0.500	"	77.6		83.5	70-130				
Magnesium	2100	5.00	"	2320		90.5	61.7-137.8				
Manganese	297	0.500	"	319		93.2	78.1-122				
Nickel	83.5	1.00	"	79.9		105	70.1-130.1				
Potassium	1950	5.00	"	2050		95.2	59.1-140.9				
Selenium	130	2.50	"	172		75.5	55.7-144.5				
Silver	20.3	0.500	"	24.7		82.1	69.2-130.8				
Sodium	94.1	50.0	"	137		68.7	36.1-163.3				
Thallium	78.4	2.50	"	88.0		89.1	65.3-146.8				
Vanadium	85.6	1.00	"	99.9		85.7	67-133.1				
Zinc	280	2.50	"	312		89.9	69.9-130.1				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10653 - EPA 3015A

Blank (BB10653-BLK1)	Blank										Prepared: 02/15/2021 Analyzed: 02/17/2021
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.0971	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

LCS (BB10653-BS1)	LCS										Prepared: 02/15/2021 Analyzed: 02/17/2021
Aluminum	2.01		ug/mL	2.00		100	80-120				
Barium	2.06		"	2.00		103	80-120				
Calcium	1.06		"	1.00		106	80-120				
Chromium	0.197		"	0.200		98.4	80-120				
Cobalt	0.526		"	0.500		105	80-120				
Copper	0.250		"	0.250		100	80-120				
Iron	1.02		"	1.00		102	80-120				
Lead	0.506		"	0.500		101	80-120				
Magnesium	0.995		"	1.00		99.5	80-120				
Manganese	0.514		"	0.500		103	80-120				
Nickel	0.518		"	0.500		104	80-120				
Potassium	1.04		"	1.00		104	80-120				
Silver	0.0531		"	0.0500		106	80-120				
Sodium	0.784		"	1.00		78.4	80-120	Low Bias			
Vanadium	0.493		"	0.500		98.7	80-120				
Zinc	0.497		"	0.500		99.5	80-120				



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

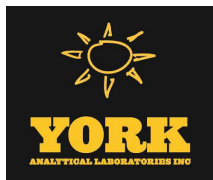
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10764 - EPA 3015A/1311

Blank (BB10764-BLK1)	Blank	Prepared & Analyzed: 02/17/2021									
Arsenic	ND	0.017	mg/L								
Barium	ND	0.028	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.006	"								
Lead	ND	0.006	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								

LCS (BB10764-BS1)	LCS	Prepared & Analyzed: 02/17/2021									
Arsenic	1.78		ug/mL	2.00		88.9	80-120				
Barium	2.01		"	2.00		101	80-120				
Cadmium	0.046		"	0.0500		92.0	80-120				
Chromium	0.192		"	0.200		96.0	80-120				
Lead	0.491		"	0.500		98.2	80-120				
Selenium	1.61		"	2.00		80.6	80-120				
Silver	0.051		"	0.0500		101	80-120				

Leach Fluid Blank (BB10764-L)	Leach Fluid Blank	Prepared & Analyzed: 02/17/2021									
Arsenic	ND	0.375	mg/L								
Barium	ND	0.625	"								
Cadmium	ND	0.075	"								
Chromium	ND	0.125	"								
Lead	ND	0.125	"								
Selenium	ND	0.625	"								
Silver	ND	0.125	"								



Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10655 - EPA 3015A

Blank (BB10655-BLK1)	Blank								Prepared: 02/15/2021	Analyzed: 02/17/2021
Antimony	ND	0.00111	mg/L							
Arsenic	ND	0.00111	"							
Beryllium	ND	0.000333	"							
Cadmium	ND	0.000556	"							
Selenium	0.00364	0.00111	"							
Thallium	ND	0.00111	"							

LCS (BB10655-BS1)	LCS								Prepared: 02/15/2021	Analyzed: 02/17/2021
Antimony	51.7		ug/L	50.0		103	80-120			
Arsenic	49.2		"	50.0		98.5	80-120			
Beryllium	52.8		"	50.0		106	80-120			
Cadmium	50.0		"	50.0		100	80-120			
Selenium	55.0		"	50.0		110	80-120			
Thallium	59.5		"	50.0		119	80-120			



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10881 - EPA SW846-7470A											
Blank (BB10881-BLK1)	Blank								Prepared & Analyzed: 02/18/2021		
Mercury	ND	0.000200	mg/L								
Blank (BB10881-BLK2)	Blank								Prepared & Analyzed: 02/18/2021		
Mercury	ND	0.000200	mg/L								
LCS (BB10881-BS1)	LCS								Prepared & Analyzed: 02/18/2021		
Mercury	0.00203	0.000200	mg/L	0.00200		102	80-120				
LCS (BB10881-BS2)	LCS								Prepared & Analyzed: 02/18/2021		
Mercury	0.00199	0.000200	mg/L	0.00200		99.3	80-120				
Batch BB10882 - EPA SW846-7470A											
Blank (BB10882-BLK1)	Blank								Prepared & Analyzed: 02/18/2021		
Mercury	ND	0.0002	mg/L								
LCS (BB10882-BS1)	LCS								Prepared & Analyzed: 02/18/2021		
Mercury	0.001869	0.0002	mg/L	0.00200		93.4	80-120				
LCS (BB10882-BS2)	LCS								Prepared & Analyzed: 02/18/2021		
Mercury	0.002133	0.0002	mg/L	0.00200		107	80-120				
Batch BB10913 - EPA 7473 soil											
Blank (BB10913-BLK1)	Blank								Prepared & Analyzed: 02/19/2021		
Mercury	ND	0.0300	mg/kg wet								



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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Batch BB10913 - EPA 7473 soil

Reference (BB10913-SRM1)	Reference							Prepared & Analyzed: 02/19/2021	
Mercury	20.800	0.0300	mg/kg wet	0.00272		NR	59.9-140.1	High Bias	



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB10593 - Analysis Preparation											
Blank (BB10593-BLK1)	Blank								Prepared & Analyzed: 02/12/2021		
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB10593-BS1)	LCS								Prepared & Analyzed: 02/12/2021		
Chromium, Hexavalent	0.506	0.0100	mg/L	0.500		101	80-120				
Batch BB10623 - EPA SW846-3060											
Blank (BB10623-BLK1)	Blank								Prepared & Analyzed: 02/15/2021		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BB10623-SRM1)	Reference								Prepared & Analyzed: 02/15/2021		
Chromium, Hexavalent	65.9		mg/L	109		60.4	30-169.7				
Batch BB10689 - Analysis Preparation											
Blank (BB10689-BLK1)	Blank								Prepared & Analyzed: 02/16/2021		
Cyanide, total	ND	0.0100	mg/L								
LCS (BB10689-BS1)	LCS								Prepared & Analyzed: 02/16/2021		
Cyanide, total	0.186	0.0100	mg/L	0.200		92.8	76.2-107				
Batch BB10765 - Analysis Preparation Soil											
Blank (BB10765-BLK1)	Blank								Prepared & Analyzed: 02/17/2021		
Cyanide, total	ND	0.500	mg/kg wet								



Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10765 - Analysis Preparation Soil

Reference (BB10765-SRM1)	Reference	Prepared & Analyzed: 02/17/2021									
Cyanide, total		104	ug/mL	91.9		113	42.22-159.96				



Leachate Preparations - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BB10661 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

Blank (BB10661-BLK1)	TCLP LEACH BLANK							Prepared: 02/15/2021 Analyzed: 02/16/2021			
TCLP Extraction	Completed	1.00	N/A								

Batch BB10663 - EPA SW 846-1311 TCLP ext. for metals

Blank (BB10663-BLK1)	TCLP LEACH BLANK							Prepared: 02/15/2021 Analyzed: 02/16/2021			
TCLP Extraction	Completed	1.00	N/A								

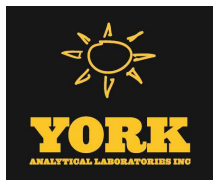
Batch BB10736 - EPA SW 846-1311 TCLP ZHE for VOA

Blank (BB10736-BLK1)	TCLP LEACH BLANK							Prepared: 02/16/2021 Analyzed: 02/17/2021			
TCLP Extraction	Completed	1.00	N/A								



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
21B0416-01	WC-1A	40mL 01_Clear Vial Cool to 4° C
21B0416-01	WC-1A	40mL Vial with Stir Bar-Cool 4° C
21B0416-02	WC-1B	40mL 01_Clear Vial Cool to 4° C
21B0416-02	WC-1B	40mL Vial with Stir Bar-Cool 4° C
21B0416-03	WC-2	40mL 01_Clear Vial Cool to 4° C
21B0416-03	WC-2	40mL Vial with Stir Bar-Cool 4° C
21B0416-04	WC-3	40mL 01_Clear Vial Cool to 4° C
21B0416-05	WC-4	40mL 01_Clear Vial Cool to 4° C
21B0416-05	WC-4	40mL Vial with Stir Bar-Cool 4° C
21B0416-06	WC-5	40mL 01_Clear Vial Cool to 4° C
21B0416-06	WC-5	40mL Vial with Stir Bar-Cool 4° C
21B0416-07	DUP01_20210211	40mL 01_Clear Vial Cool to 4° C
21B0416-07	DUP01_20210211	40mL Vial with Stir Bar-Cool 4° C
21B0416-08	FIELD BLANK_20210211_WC	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
21B0416-09	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QC-LCS	LCS/LCS Dup recovery was above laboratory control limits. Sample does not contain any target compounds; therefore sample results are acceptable.
M-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IGN-01	Non-Ignit.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-COMP	Completed
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis



Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



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Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.

2180416

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time		
Company:	Address:	Company:	Address:	Company:	Address:	100674402		RUSH - Next Day		
Address:	Address:	Address:	Address:	Address:	Address:	YOUR Project Name		RUSH - Two Day		
Phone:	Phone:	Phone:	Phone:	Phone:	Phone:	550 10TH AVE		RUSH - Three Day		
Contact:	Contact:	Contact:	Contact:	Contact:	Contact:			RUSH - Four Day		
E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	YOUR PO#:		Standard (5-7 Day)		
MICHAEL AU		S		S		Summary Report		CT RCP	Standard Excel EDD	YORK Reg. Comp.
Address:		S		S		QA Report		CT RCP DOA/DUE	EQUIS (Standard)	Compared to the following Regulation(s): (please fill in)
Phone:		S		S		NY ASP A Package		NJDEP Reduced Deliverables	NYSDEC EQUIS	
Contact:		S		S		NY ASP B Package		NJDKQP	NJDEP SRP HazSite	
E-mail:		S		S		Other:				
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		S		S						
MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
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MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
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Contact:		S		S						
E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
Address:		S		S						
Phone:		S		S						
Contact:		S		S						
E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
Address:		S		S						
Phone:		S		S						
Contact:		S		S						
E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
Address:		S		S						
Phone:		S		S						
Contact:		S		S						
E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
Address:		S		S						
Phone:		S		S						
Contact:		S		S						
E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
Address:		S		S						
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Contact:		S		S						
E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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E-mail:		S		S						
Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
MICHAEL AU		S		S						
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Samples Collected by: (print your name above and sign below)		S		S						
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