APPENDIX C
PHASE II ENVIRONMENTAL SITE ASSESSMENT

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355 EXTERIOR STREET
BRONX, NEW YORK
BLOCK 2349, LOTS 46 AND 47

PHASE II
ENVIRONMENTAL SITE ASSESSMENT
(ASTM 1903-11)

PREPARED FOR:

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PWGC Project Number: LST1802

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PWGC
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PHASE II ENVIRONMENTAL SITE ASSESSMENT
355 EXTERIOR STREET, BRONX, NEW YORK

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PHASE II ENVIRONMENTAL SITE ASSESSMENT
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ACRONYM	DEFINITION
ASP	Analytical Services Protocol
ASTM	American Society for Testing and Materials
AWQS	Ambient Water Quality Standards
c/o	care of
Coastal	Coastal Environmental Solutions, Inc.
Delta	Delta Geophysics Inc.
DER	Department of Environmental Remediation
DER-10	Technical Guidance for Site Investigation and Remediation
ELAP	Environmental Laboratory Approval Program
EM	Electromagnetic
ESA	Environmental Site Assessment
GPR	Ground Penetrating Radar
MDL	Method Detection Limit
MG/KG	Milligrams Per Kilogram
NGVD	National Geodetic Vertical Datum
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Polychlorinated Biphenyl
PID	Photo-ionization Detector
PPM	Parts Per Million
PVC	Polyvinyl Chloride
PWGC	P.W. Grosser Consulting, Inc.
QA/QC	Quality Assurance / Quality Control
REC	Recognized Environmental Condition
RRU	Restricted Residential Use
SCO	Soil Cleanup Objective
SVOC	Semi-volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compound List
TOGS	Technical Operation and Guidance Series
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground Storage Tank
UU	Unrestricted Use
VEC	Vapor Encroachment Condition
VOC	Volatile Organic Compound

1.0 INTRODUCTION

355 Exterior Street Associates LLC, care of (c/o) The Lightstone Group (Client) retained P.W. Grosser Consulting, Inc. (PWGC) to prepare a Phase II Environmental Site Assessment (ESA) for the property located at 355 Exterior Street, Bronx, New York. The purpose of the Phase II ESA was to further evaluate recognized environmental conditions (RECs) identified in the Phase I ESA to obtain sound, scientifically valid data concerning actual property conditions.

Work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1903-11 (Standard Practices for Environmental Site Assessment: Phase II Environmental Site Assessment Process) and in substantial conformance with the New York State Department of Environmental Conservation's (NYSDEC's) Division of Environmental Remediation's (DER's) Technical Guidance for Site Investigation and Remediation, May 2010 (DER-10).

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2.0 BACKGROUND

2.1 Site Description and Features

The subject property consists of two parcels located at 355 Exterior Street in the Mott Haven Neighborhood of the Bronx, New York. The property is identified in the New York City Tax Map as Block 2349, Lots 46 and 47. A site location map is included as **Figure 1**.

The subject property measures approximately 1.4 acres and is occupied by one commercial-use building and an asphalt parking area.

2.2 Physical Setting

The topography of the site and surrounding area was reviewed from the United States Geological Survey (USGS) 7.5-minute series topographic map for the Manhattan, New York quadrangle. The property elevation is approximately five feet above the National Geodetic Vertical Datum (NGVD).

2.3 Site History and Land Use

Historical usage of the subject property indicates that it was first developed in the early 1900s and was used as a freight train support facility and lumber supply building until circa 1966. Infrastructure supporting the freight train operation was removed from the site at which time the use of the property transitioned to commercial use and parking. Between 1966 to current day, the site appears to be utilized for mixed commercial use including lumber distribution, a roofing company and Borax Paper Products.

2.4 Adjacent Property Land Use

Review of historical information reviewed for the properties surrounding the subject property indicate that the area has been developed since at least 1922. Development was primarily commercial to the present-day extent.

2.5 Summary of Previous Assessments

2.5.1 Phase I Environmental Site Assessment Report (December 2018)

A Phase I ESA was prepared for 355 Exterior Street in December of 2018 by PWGC. The Phase I ESA identified the following RECs associated with the property.

- The site has been assigned an E-Designation for Air, Hazardous Materials, and Noise by the New York City Department of Planning.

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- The site has been historically utilized for commercial and industrial purposes that likely included the storage and use of hazardous substances and/or petroleum products at the site.
- Potential vapor encroachment related to historical use of the site.

The Phase I ESA recommended that a Phase II ESA be performed at the subject property.

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3.0 WORK PERFORMED AND RATIONALE

3.1 Scope of Assessment

The Phase II ESA included the following tasks:

- Site Inspection
- Geophysical Survey
- Soil Quality Investigation
- Groundwater Quality Investigation
- Soil Vapor Intrusion Investigation

3.2 Site Inspection

During the Phase I ESA in December 2018, PWGC was unable to access the site. The limited access to the site was identified as a data gap. During the Phase II ESA, PWGC was granted access to the site. Mr. Michael Gaul of PWGC performed a visual inspection on May 14, 2019. The inspection consisted of the interior portions of the building, the roof, and the asphalt parking lot. According to the current building manager, the building is heated via natural gas. No chemical storage or waste generation and storage beyond municipal waste was identified. No potentially polychlorinated biphenyl (PCB) containing equipment was identified. Two interior drain pits were identified with no determinate discharge point. No determination could be made in the field regarding the nature of these pits or what purpose they may have served. No staining or other evidence of spills was noted in the vicinity of the drain pits. The site inspection did not identify any deficiencies within the proposed Phase II ESA scope of work therefore no additional sample locations were required.

3.3 Geophysical Survey

On May 9, 2019, PWGC and Delta Geophysics Incorporated (Delta) of Catasauqua, Pennsylvania mobilized to the subject property to perform a geophysical survey. The purpose of the geophysical survey was to determine the absence/presence of subsurface anomalies at the subject property. The area surveyed included the parking lot adjacent to the on-site building. Access to the interior of the building was not available at the time of this survey. Most of the parking lot was accessible but several rental trucks were present and were unable to be moved during the survey. Descriptions of the geophysical methods are described below.

3.3.1 Electromagnetic Survey

Delta utilized a radio detection RD7000 precision utility locator electromagnetic (EM) instrument. The RD7000 uses the principle of EM induction to measure the variability of electrical conductivity of subsurface materials and the presence of buried metal objects. Significant contrasts in the electrical properties between non-indigenous materials and surrounding soil enable accurate delineation of buried waste materials, fill, and geologic features. The large EM response to metal makes this technique particularly well suited to identifying buried metal objects such as underground storage tanks (USTs), metallic wastes, buried drums, pipelines, reinforced building foundations, and other metal components of buried structures. It is, however, equally sensitive to metal objects on the ground surface.

3.3.2 Ground Penetrating Radar Survey

Following the electromagnetic survey, Delta utilized a Geophysical Survey Systems, Inc. SIR-3000 cart mounted Ground Penetrating Radar (GPR) unit with a 400 millihertz antenna to further investigate the metallic anomalies. The GPR utilizes high frequency radio signals that are transmitted into the ground and returned to the received unit which displays the signals on a digital display. The computer unit within the GPR then measures the time taken for a pulse to travel to and from the target which indicates the approximate depth and location. The GPR is commonly utilized to depict potential USTs, locations of former USTs, subsurface piping and additional non-metallic subsurface anomalies.

3.3.3 Survey Findings

The survey did not identify the presence of subsurface anomalies in the areas accessible during the initial investigation. It should be noted that due to reinforced concrete in the parking lot, the effectiveness of the survey was limited, and several proposed boring locations were relocated based on this information. Subsurface anomalies may exist beyond the capability of the equipment utilized due to interference or other factors.

The complete Geophysical Survey, including further detail regarding the methodology and findings, is included in **Appendix A**.

3.4 Soil Quality Investigation

To characterize soil quality, soil borings were installed throughout the subject property in three separate events. PWGC installed SB007 through SB010 including all SB009 step out samples on May 9 and 10, 2019. PWGC returned to the site to collect SB016 and SB017 and additional deeper intervals at SB008 on June 6,

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2019. Once PWGC gained access to the interior of the building, borings SB018 through SB023 were collected on July 5, 2019. Boring locations were focused in areas of potential concern as identified by the Phase I ESA and in areas where visual impact was observed during this investigation. A total of 16 soil borings were installed during the investigation. Soil boring locations are illustrated on **Figure 2**.

3.4.1 Soil Boring Protocol

Coastal Environmental Solutions, Inc (Coastal) of Medford, New York provided environmental drilling services during the investigation. A Geoprobe was utilized to install the environmental soil borings. Soils were collected continuously from ground surface to an approximate depth of 15 feet below surface grade or to depth of refusal.

The soil cores were placed on a decontaminated table in the order they came out of the ground. The acetate liners were cut open and the soil core was screened for the presence of volatile organic vapors, which are commonly associated with petroleum products and industrial solvents, utilizing a photo-ionization detector (PID). Each soil core was classified by a hydrogeologist using the Unified Soil Classification System (USCS). A soil boring log was developed for each location (**Appendix B**) and includes the characterization and screening data.

Generally, soil consisted of brown sand and gravel with fill material (brick, asphalt, and wood) from grade to approximately ten feet below grade. Below the fill layer was typically grey silty sand or grey clay which extended within groundwater which was typically encountered around eight to ten feet below grade. Discolored soil with a slight petroleum odor and low level PID detections were observed in four of the sixteen soil borings (SB009, SB009_E, SB009_W and SB016). The presence of potential petroleum contamination was observed at the soil/water table interface (approximately eight to ten feet below surface grade) in each of these four soil borings. Potential contamination was not observed in the shallower intervals above the soil/water table interface. SB009 contained the highest PID readings therefore additional "step out" samples were conducted to determine a potential source location and approximate extent of petroleum impact. Soil borings were installed approximately 25 feet from SB009 to the east (SB009_E), north (SB009_N) and west (SB009_W). Due to the presence of petroleum impact within SB009_W, an additional step out sample approximately 25 feet to the west was installed (SB009_W2). No additional delineation could be completed to the south of SB009 due to the presence of the on-site building and the lack of access to the interior of the building during the initial field work. In addition to original boring location SB009, visual petroleum impact and elevated PID readings were observed within SB009_E

and SB009_W. Due to the visual and olfactory presence of petroleum contamination, the NYSDEC was notified and spill # 19-01885 was assigned to the site.

PWGC returned to the site on June 6, 2019 to collect two additional exterior soil borings (SB016 and SB017) to supplement the existing data set. SB016 was as an additional sample to further delineate the petroleum impact observed in the SB0009_E step out sample collected. During this event, several box trucks were moved to allow access to this boring location. Additionally, deeper samples were collected from the 8'-10' and 10'-12' interval of SB008 which was originally sampled in May of 2019.

PWGC performed another supplemental subsurface investigation once access to the interior of the building was coordinated with the building owner. SB018 through SB023 were conducted from the subsurface within the on-site building following the same protocols as the previous samples collected. No soil or groundwater sample could be collected within 25 feet south of SB009 due to access restrictions within the building (limited height along northern portion of building interior).

3.4.2 Sample Collection Protocol

To characterize subsurface soil conditions, a total of 35 soil samples were collected from 16 soil borings and depth intervals spread out throughout the site during the initial investigation and supplemental interior subsurface investigation.

Samples collected for volatile organic analysis were collected directly from the acetate liners utilizing terra-core sampling devices. The remaining sample volumes were transferred to a stainless-steel bowl and homogenized. Once homogenized, samples were transferred to laboratory supplied glassware and packed in a cooler with ice and shipped under proper chain-of-custody procedures to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, for analysis individually following NYSDEC Analytical Services Protocol (ASP)-Category B Deliverables.

Soil samples were analyzed for the following:

- Target Compound List (TCL) Volatile Organic Compounds (VOCs) by United States Environmental Protection Agency (USEPA) Method 8260;
    - SB009 (2-4'), SB009 (6-8'), SB009_N (8-10'), SB009_W (8-10'), SB009_E (8-10') and SB016 (6-8').
- TCL Semi-Volatile Organic Compounds (SVOCs) by USEPA Method 8270;
- Organochlorine Pesticides & PCBs by USEPA Methods 8081/8082;
    - SB016 (6-8'), SB017 (6-8'), SB018 (0-3'), SB020 (0-3') and SB022 (0-3').

- Target Analyte List (TAL) Metals by USEPA Methods 6010/7471

Samples which were collected and analyzed for VOCs were determined within the field to have the highest potential for petroleum impact (visual and/or PID readings). SVOCs and metals were analyzed within every soil sample collected to address the RECs identified within the Phase I ESA. Organochlorine pesticides and PCBs were collected and analyzed in several samples through the site to address the RECs identified in the Phase I ESA. Several deeper interval samples were submitted to the lab on hold and analyzed if specific compounds exceeded their respective Restricted-Residential Use Soil Cleanup Objectives (RRUSCOs). These samples were submitted to determine the approximate depth of exceedances including specific metals or SVOCs. Some of these were analyzed by the lab once the initial data was reviewed as summarized in **Table 1** and **Table 2**.

3.4.3 Soil Analytical Results

Soil analytical results were compared to the NYSDEC's Title 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and Final Commissioner Policy, CP-51 SCOs for Unrestricted Use (UU) and RRU.

SVOCs and/or metals were detected above both UUSCOs and RRUSCOs in the majority of the soil samples analyzed. Impact exceeding RRUSCOs was predominantly limited to samples collected from within the top ten feet of the site. However, there was a significantly elevated concentration of arsenic (22.1 milligrams per kilogram (mg/kg)) and mercury (5.38 mg/kg) in SB007 at a depth of 12 to 14 feet bgs.

VOCs were detected above RRUSCOs in one of the six soil samples analyzed. SB009_E (8-10') contained 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene above their respective RRUSCOs. These exceedances within this sample confirm the visual observations which indicated petroleum impact. SB009 (8-10') did not contain VOC exceedances but there were several VOC compounds detected above their method detection limit (MDL) along with observed visual impact and elevated PID readings (80.1 parts per million (ppm)). The SB009 step out samples to the north and west did not show petroleum impact therefore it is likely that the source originates to the east of SB009. The VOCs detected are commonly found in fuel oils, gasoline, stoddard solvent, etc.

Pesticides and PCBs were not detected above RRUSCOs.

Analytical results are detailed in **Table 1** and **Table 2**, summarized on **Figure 2**, and complete laboratory analytical reports are included in **Appendix C**.

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3.5 Groundwater Quality Investigation

To characterize groundwater quality, groundwater samples were collected throughout the subject property. Groundwater sampling locations were selected based on field observations. A total of two groundwater samples were collected during the investigation. Groundwater sampling locations are illustrated on **Figure 3**.

3.5.1 Sampling Collection Protocol

Following the completion of the soil borings at SB008 and SB009, Coastal installed a prepacked 2" polyvinyl chloride (PVC) temporary well point in each borehole. MW003 was installed within the boring for SB008 and MW004 was installed within the boring for SB009. MW004 was installed at SB009 to potential document if petroleum impacts noted at the water table interface have resulted in groundwater impacts. Groundwater was encountered at approximately nine feet below surface grade. The screen was set from 5 to 15 feet below surface grade in each borehole. Disposable polyethylene tubing was inserted into the water bearing zone of the screen point sampler. The end of the tubing was connected to a peristaltic pump with dedicated silicone tubing. Four casing volumes of water were purged from the temporary sampling point prior to the collection of samples.

Samples were transferred to laboratory supplied glassware and packed in a cooler with ice and shipped under proper chain-of-custody procedures to a NYSDOH ELAP certified laboratory for analysis following NYSDEC ASP-Category B Deliverables. Groundwater samples were analyzed for the following compounds to address typical issues associated with industrial site operations as discovered in the Phase I ESA.

- TCL VOCs by USEPA Method 8260;
- TCL SVOCs by USEPA Method 8270;
- Organochlorine Pesticides & PCBs by USEPA Methods 8081/8082; and
- TAL Metals by USEPA Methods 6010/7471 (Total and Dissolved).

3.5.2 Groundwater Analytical Results

Groundwater sample results were compared to the NYSDEC Class GA Ambient Water Quality Standards (AWQS) as specified in the Technical Operation and Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values.

VOCs were detected above AWQS in one of the two groundwater samples. The VOC impact was noted in MW004, which was installed in SBOO9 where visual impact was noted. The presence of VOCs in soils

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collected from SB009_E, the visual identification of petroleum impact in SB009 and the groundwater sample collected from MW004 is likely related to a historic petroleum release which resulted in the NYSDEC spill number.

SVOCs were detected above AWQSs in both groundwater samples. The SVOCs detected in the groundwater samples were also observed at elevated concentrations in the soil samples with the exception of phenol. Phenol was detected in the groundwater at MW004 but was not detected in site soils. This could be a likely laboratory contaminant based on the presence within the groundwater but not within the soils.

Several metals were detected above AWQSs. In general, metals were reduced in the dissolved (lab filtered) samples. Dissolved metals in excess of AWQSs were limited to magnesium, selenium, and sodium. The magnesium and sodium are high within the groundwater samples due to the known salinity of the adjacent east river which intrudes onto the site.

Pesticides and PCBs were not detected above laboratory method detection limits.

Analytical results are detailed in **Tables 3 through 6**, summarized on **Figure 3**, and the complete laboratory analytical report is included in **Appendix C**.

3.6 Soil Vapor Intrusion Investigation

To evaluate potential vapor intrusion at the subject property, a soil vapor intrusion investigation was performed. No pre-sampling inspection was required as the soil vapor sample collected was located outside of the on-site building approximately 4 feet below the asphalt. The sample was collected at this depth to address potential concerns below the existing slab.

3.6.1 Sampling Protocol

Sampling was conducted in accordance with the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in New York State," (NYSDOH Guidance) October 2006. The sample was collected into 2.7-liter Summa® vacuum canisters fitted with a two-hour flow controller. The sampler was batch certified clean by the laboratory. Proper quality assurance (QA) / quality control (QC) protocol was followed during the collection of the soil gas sample to ensure that cross-contamination in the field did not occur. The sample was submitted to the lab for analysis of VOCs by USEPA Method TO-15.

The temporary soil vapor probe was installed approximately four feet below the asphalt along the exterior of the property in accordance with procedures specified in the NYSDOH Guidance. Prior to sampling, the integrity of the sampling port seal was tested using tracer gas analysis. The environment surrounding the

seal was enriched with the tracer gas, helium, as readings were collected through the sampling probe with a portable helium detector. Tracer gas readings collected from the soil vapor probe were acceptable indicating the seals were intact and the sampling probe was acceptable for sample collection.

After the initial tracer gas test was performed, one to three volumes of the sample tubing were purged prior to collecting the sample. Flow rates for both purging and collecting did not exceed 0.2 liters per minute. No indoor or ambient samples were collected as part of this sampling event.

3.6.2 Analytical Results

Analytical results for the sub-slab vapor air sample is shown on **Table 7** and summarized on **Figure 4**. The laboratory data report is included as **Appendix C**. Several VOCs were detected above laboratory method detection limits. Tetrachloroethene, 2-butanone (methyl ethyl ketone), carbon disulfide, cyclohexane, benzene, propylene, toluene among others were detected above their laboratory method detection limits. Several of these compounds were also detected above their MDL within MW004. Petroleum related VOCs may be present in the soil vapor sample due to presence of petroleum along the water table interface.

4.0 CONCLUSIONS AND RECOMMENDATIONS

PWGC has performed a Phase II ESA in conformance with the scope and limitations of ASTM Practice E1903-11 for the subject property. The Phase II ESA consisted of the following tasks:

- Site Inspection
- Geophysical Survey
- Soil Quality Investigation
- Groundwater Quality Investigation
- Soil Vapor Intrusion Investigation

4.1 Conclusions

Based on the results of the Phase II ESA, PWGC offers the following conclusions:

- The site inspection identified two interior pits with no distinguishable discharge point. An interior geophysical survey should be conducted to determine the discharge of these pits as well as any additional subsurface anomalies.
- Subsurface anomalies were not identified as part of this investigation. However, reinforced concrete limited the effectiveness of the geophysical survey and anomalies beyond the limitations of the equipment may exist.
- SVOCs and metals are present in the fill material at the site. Metals extend deeper than the fill material in at least one sample. Visual observations and the detection of VOCs confirm the presence of petroleum contamination in the subsurface soils located near SB009. Spill # 19-01885 was assigned to the site. An on-site source was not identified as part of this investigation.
- With the exception of VOCs and the one SVOC, groundwater conditions appear to be at typical levels for an industrial area. The detected VOCs and SVOC appear to be related to petroleum contamination identified at the soil/water table interface. An on-site source was not identified as part of this investigation.
- The soil vapor sample collected identified contaminants of concern including tetrachloroethene and several petroleum related compounds. VOCs in soil vapor may be attributed to the VOCs detected on-site and further investigation to determine a source is warranted.

4.2 Recommendations

Based on the conclusions detailed above, PWGC offers the following recommendations for the subject property:

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- A geophysical survey within the inside of the building should be conducted to determine the discharge point of the two identified pits.
- A supplemental investigation should be performed to delineate the extent of petroleum contamination and identify the source of contamination.
- Future construction activities at the site should take into consideration the quality of the fill material and native soils at the site.

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5.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 code of federal regulations (CFR) 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Derek Ersbak, PG
Senior Project Manager

Report Completion Date: 2019.09.27

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NYSDEC, Division of Water, June 1998, Addendum April 2000, Technical and Operational Guidance Series 1:1:1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NYSDOH October 2006 Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

NYSDOH May 2017: Updates to Soil Vapor / Indoor Air Decision Matrices.

Standard practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, ASTM Standard E 1903-11.

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7.0 LIMITATIONS

The conclusions presented in this report are professional opinions based on the data described in this report. These opinions have been arrived at in accordance with currently accepted engineering and hydrogeologic standards and practices applicable to this location, and are subject to the following inherent limitations:

1. The data presented in this report are from visual inspections and examination of records prepared by others. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration of the site, analysis of data, and re-evaluation of the findings, observations, and conclusions presented in this report.
2. The data reported and the findings, observations, and conclusions expressed are limited by the scope of work. The scope of work was defined by the request of the client.
3. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported, findings, observations, or conclusions. These are based solely upon site conditions in existence at the time of the investigation, and other information obtained and reviewed by PWGC.
4. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the site and should not be interpreted as such.
5. This report is based, in part, on information supplied to PWGC by third-party sources. While efforts have been made to substantiate this third-party information, PWGC cannot attest to the completeness or accuracy of information provided by others.

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LONG ISLAND • MANHATTAN • SARATOGA SPRINGS • SYRACUSE • SEATTLE • SHELTON

FIGURES

SITE LOCATION

355 Exterior Street
Bronx, NY

0 ¼ ½ ¾ 1 Miles

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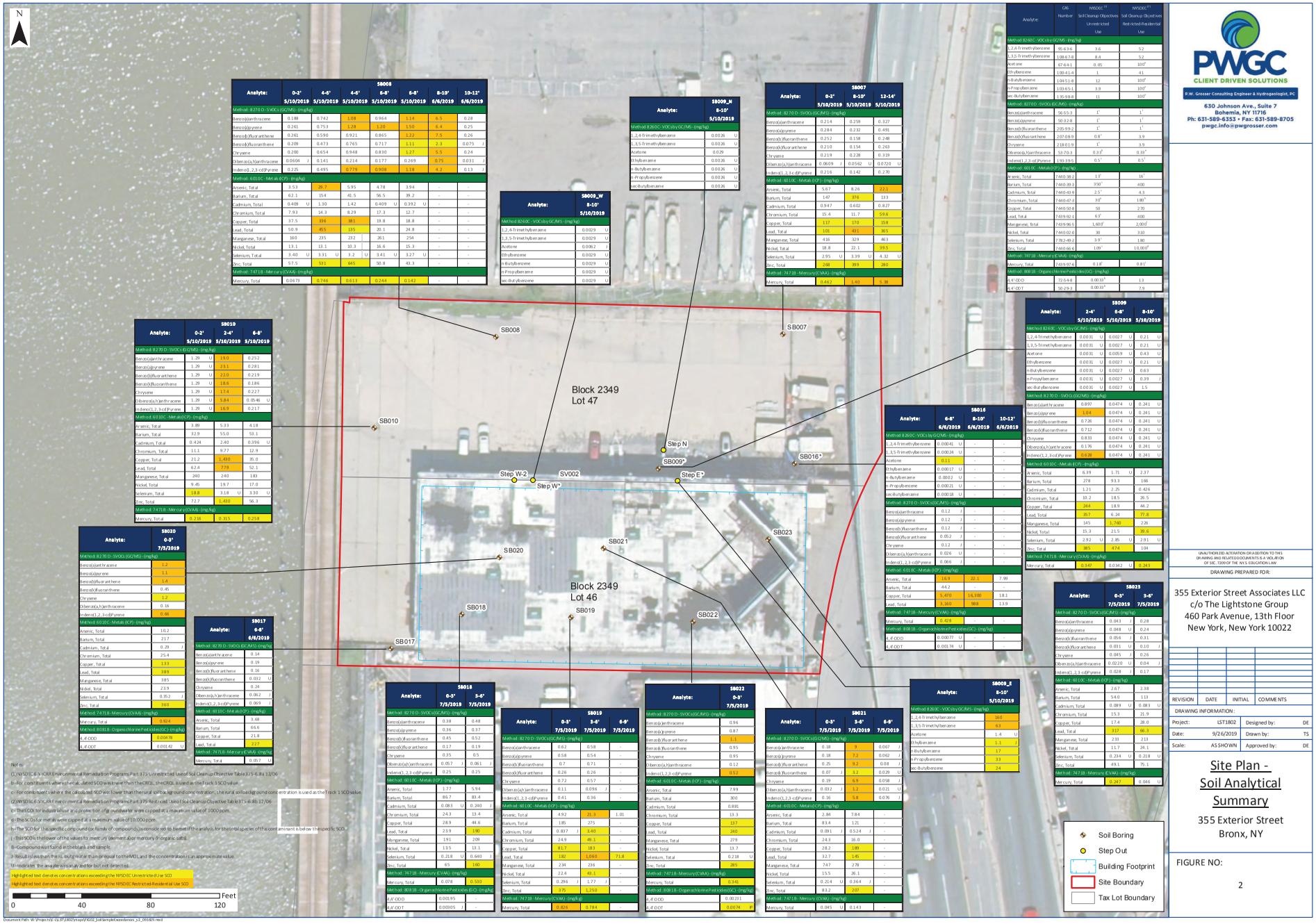
Project:	LST1802
Date:	9/26/2019
Designed by:	DH
Drawn by:	TS
Approved by:	DH
Figure No:	1

Document Path: W:\Projects\E-L\LST\1802\maps\FIG01_SiteLocation.mxd



Analyte:	SB008 0-2' 5/10/2019	SB008 4-6' 5/10/2019	SB008 4-6' 5/10/2019	SB008 6-8' 5/10/2019	SB008 6-8' 5/10/2019	SB008 8-10' 6/6/2019	SB008 10-12' 6/6/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)							
Benzo(a)anthracene	0.188	0.742	1.08	0.964	1.14	6.5	0.28
Benzo(a)pyrene	0.261	0.753	1.28	1.20	1.50	6.4	0.25
Benzo(b)fluoranthene	0.261	0.590	0.921	0.865	1.22	7.5	0.26
Benzo(k)fluoranthene	0.209	0.473	0.765	0.717	1.11	2.3	0.075 J
Chrysene	0.200	0.654	0.948	0.830	1.27	5.5	0.24
Dibenz(a,h)anthracene	0.0604 J	0.141	0.214	0.177	0.269	0.75	0.031 J
Indeno(1,2,3-cd)Pyrene	0.225	0.495	0.779	0.908	1.18	4.2	0.13 J
Method: 6010C - Metals (ICP) - (mg/kg)							
Arsenic, Total	3.53	29.7	5.95	4.78	3.94	-	-
Barium, Total	62.1	154	41.5	56.5	39.2	-	-
Cadmium, Total	0.409 U	1.30	1.42	0.409 U	0.392 U	-	-
Chromium, Total	7.93	14.3	8.29	17.3	12.7	-	-
Copper, Total	37.5	316	381	19.8	18.8	-	-
Lead, Total	50.9	455	135	20.1	24.8	-	-
Manganese, Total	160	235	232	261	254	-	-
Nickel, Total	13.1	13.1	10.3	16.6	15.3	-	-
Selenium, Total	3.40 U	3.31 U	3.2 U	3.41 U	3.27 U	-	-
Zinc, Total	57.5	511	645	50.8	43.3	-	-
Method: 7471B - Mercury (CVAA) - (mg/kg)							
Mercury, Total	0.0673	0.746	0.613	0.244	0.142	-	-

Analyte:	SB009_N 8-10' 5/10/2019
Method: 8260C - VOCs by GC/MS - (mg/kg)	
1,2,4-Trimethylbenzene	0.0026 U
1,3,5-Trimethylbenzene	0.0026 U
Acetone	0.029
Ethylbenzene	0.0026 U
n-Butylbenzene	0.0026 U
n-Propylbenzene	0.0026 U
sec-Butylbenzene	0.0026 U

Analyte:	SB009_W 8-10' 5/10/2019
Method: 8260C - VOCs by GC/MS - (mg/kg)	
1,2,4-Trimethylbenzene	0.0029 U
1,3,5-Trimethylbenzene	0.0029 U
Acetone	0.0062 J
Ethylbenzene	0.0029 U
n-Butylbenzene	0.0029 U
n-Propylbenzene	0.0029 U
sec-Butylbenzene	0.0029 U

Analyte:	SB007 0-2' 5/10/2019	SB007 8-10' 5/10/2019	SB007 12-14' 5/10/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)			
Benzo(a)anthracene	0.214	0.259	0.327
Benzo(a)pyrene	0.284	0.232	0.491
Benzo(b)fluoranthene	0.252	0.158	0.248
Benzo(k)fluoranthene	0.210	0.154	0.263
Chrysene	0.219	0.228	0.319
Dibenz(a,h)anthracene	0.0609 J	0.0562 U	0.0720 U
Indeno(1,2,3-cd)Pyrene	0.216	0.142	0.270
Method: 6010C - Metals (ICP) - (mg/kg)			
Arsenic, Total	5.67	8.26	22.1
Barium, Total	147	376	133
Cadmium, Total	0.947	0.602	0.827
Chromium, Total	15.4	11.7	59.6
Copper, Total	117	170	158
Lead, Total	181	481	365
Manganese, Total	416	329	463
Nickel, Total	18.8	22.1	39.5
Selenium, Total	2.95 U	3.39 U	4.32 U
Zinc, Total	248	393	280
Method: 7471B - Mercury (CVAA) - (mg/kg)			
Mercury, Total	0.462	1.40	5.38

Analyte:	SB010 0-2' 5/10/2019	SB010 2-4' 5/10/2019	SB010 6-8' 5/10/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)			
Benzo(a)anthracene	1.29 U	19.0	0.252
Benzo(a)pyrene	1.29 U	23.1	0.281
Benzo(b)fluoranthene	1.29 U	22.0	0.219
Benzo(k)fluoranthene	1.29 U	18.6	0.186
Chrysene	1.29 U	17.4	0.227
Dibenz(a,h)anthracene	1.29 U	5.84	0.0546 U
Indeno(1,2,3-cd)Pyrene	1.29 U	16.9	0.217
Method: 6010C - Metals (ICP) - (mg/kg)			
Arsenic, Total	3.89	5.33	4.18
Barium, Total	32.9	55.0	53.1
Cadmium, Total	0.424	2.40	0.396 U
Chromium, Total	11.1	9.77	12.9
Copper, Total	21.2	1,430	35.0
Lead, Total	62.4	778	52.1
Manganese, Total	240	240	183
Nickel, Total	9.45	19.7	17.0
Selenium, Total	18.8	3.18 U	3.30 U
Zinc, Total	72.7	1,430	56.3
Method: 7471B - Mercury (CVAA) - (mg/kg)			
Mercury, Total	0.216	0.315	0.258

Analyte:	SB016 6-8' 6/6/2019	SB016 8-10' 6/6/2019	SB016 10-12' 6/6/2019
Method: 8260C - VOCs by GC/MS - (mg/kg)			
1,2,4-Trimethylbenzene	0.00041 U	-	-
1,3,5-Trimethylbenzene	0.00024 U	-	-
Acetone	0.11	-	-
Ethylbenzene	0.00017 U	-	-
n-Butylbenzene	0.0002 U	-	-
n-Propylbenzene	0.00021 U	-	-
sec-Butylbenzene	0.00018 U	-	-
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)			
Benzo(a)anthracene	0.12 J	-	-
Benzo(a)pyrene	0.12 J	-	-
Benzo(b)fluoranthene	0.12 J	-	-
Benzo(k)fluoranthene	0.052 J	-	-
Chrysene	0.12 J	-	-
Dibenz(a,h)anthracene	0.026 U	-	-
Indeno(1,2,3-cd)Pyrene	0.066 J	-	-
Method: 6010C - Metals (ICP) - (mg/kg)			
Arsenic, Total	16.9	22.1	7.99
Barium, Total	44.2	-	-
Copper, Total	5,470	14,100	18.1
Lead, Total	3,160	988	13.9
Method: 7471B - Mercury (CVAA) - (mg/kg)			
Mercury, Total	1.0 J,3	-	-
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)			
4,4'-DDD	0.00077 U	-	-
4,4'-DDT	0.00174 U	-	-

Analyte:	SB009 2-4' 5/10/2019	SB009 6-8' 5/10/2019	SB009 8-10' 5/10/2019
Method: 8260C - VOCs by GC/MS - (mg/kg)			
1,2,4-Trimethylbenzene	0.0031 U	0.0027 U	0.21 U
1,3,5-Trimethylbenzene	0.0031 U	0.0027 U	0.21 U
Acetone	0.0031 U	0.0059 U	0.43 U
Ethylbenzene	0.0031 U	0.0027 U	0.21 U
n-Butylbenzene	0.0031 U	0.0027 U	0.63
n-Propylbenzene	0.0031 U	0.0027 U	0.39 J
sec-Butylbenzene	0.0031 U	0.0027 U	1.5
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)			
Benzo(a)anthracene	0.897	0.0474 U	0.241 U
Benzo(a)pyrene	1.04	0.0474 U	0.241 U
Benzo(b)fluoranthene	0.726	0.0474 U	0.241 U
Benzo(k)fluoranthene	0.712	0.0474 U	0.241 U
Chrysene	0.833	0.0474 U	0.241 U
Dibenz(a,h)anthracene	0.176	0.0474 U	0.241 U
Indeno(1,2,3-cd)Pyrene	0.628	0.0474 U	0.241 U
Method: 6010C - Metals (ICP) - (mg/kg)			
Arsenic, Total	6.39	1.71 U	2.37
Barium, Total	278	93.3	166
Cadmium, Total	1.21	2.25	0.426
Chromium, Total	10.2	18.5	26.5
Copper, Total	264	18.9	44.2
Lead, Total	357	6.24	77.8
Manganese, Total	145	1,740	226
Nickel, Total	15.3	21.5	39.6
Selenium, Total	2.92 U	2.85 U	2.91 U
Zinc, Total	385	474	194
Method: 7471B - Mercury (CVAA) - (mg/kg)			
Mercury, Total	0.147	0.342	0.243

Analyte:	SB020 0-3' 7/5/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)	
Benzo(a)anthracene	1.2
Benzo(a)pyrene	1.1
Benzo(b)fluoranthene	1.4
Benzo(k)fluoranthene	0.45
Chrysene	1.2
Dibenz(a,h)anthracene	0.16
Indeno(1,2,3-cd)Pyrene	0.66
Method: 6010C - Metals (ICP) - (mg/kg)	
Arsenic, Total	10.2
Barium, Total	217
Cadmium, Total	0.29 J
Chromium, Total	25.4
Copper, Total	133
Lead, Total	389
Manganese, Total	385
Nickel, Total	23.9
Selenium, Total	0.352 J
Zinc, Total	360
Method: 7471B - Mercury (CVAA) - (mg/kg)	
Mercury, Total	0.924
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)	
4,4'-DDD	0.00478
4,4'-DDT	0.00142 U

Analyte:	SB017 6-8' 6/6/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)	
Benzo(a)anthracene	0.14
Benzo(a)pyrene	0.19
Benzo(b)fluoranthene	0.16
Benzo(k)fluoranthene	0.032 U
Chrysene	0.24
Dibenz(a,h)anthracene	0.062 J
Indeno(1,2,3-cd)Pyrene	0.069 J
Method: 6010C - Metals (ICP) - (mg/kg)	
Arsenic, Total	3.68
Barium, Total	66.6
Copper, Total	21.8
Lead, Total	227
Method: 7471B - Mercury (CVAA) - (mg/kg)	
Mercury, Total	0.057 U

Analyte:	SB018 0-3' 7/5/2019	SB018 3-6' 7/5/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)		
Benzo(a)anthracene	0.38	0.48
Benzo(a)pyrene	0.36	0.37
Benzo(b)fluoranthene	0.45	0.52
Benzo(k)fluoranthene	0.17	0.19
Chrysene	0.35	0.5
Dibenz(a,h)anthracene	0.057 J	0.061 J
Indeno(1,2,3-cd)Pyrene	0.25	0.25
Method: 6010C - Metals (ICP) - (mg/kg)		
Arsenic, Total	1.77	5.94
Barium, Total	86.7	83.4
Cadmium, Total	0.083 U	0.240 J
Chromium, Total	24.3	13.4
Copper, Total	28.9	44.6
Lead, Total	23.9	190
Manganese, Total	191	209
Nickel, Total	13.5	13.1
Selenium, Total	0.218 U	0.640 J
Zinc, Total	65	160
Method: 7471B - Mercury (CVAA) - (mg/kg)		
Mercury, Total	0.078	0.330
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)		
4,4'-DDD	0.00195	-
4,4'-DDT	0.00305 J	-

Analyte:	SB019 0-3' 7/5/2019	SB019 3-6' 7/5/2019	SB019 6-9' 7/5/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)			
Benzo(a)anthracene	0.62 J	0.58 J	-
Benzo(a)pyrene	0.58 J	0.54 J	-
Benzo(b)fluoranthene	0.7	0.71	-
Benzo(k)fluoranthene	0.26	0.26	-
Chrysene	0.72	0.57	-
Dibenz(a,h)anthracene	0.11	0.096 J	-
Indeno(1,2,3-cd)Pyrene	0.41	0.36	-
Method: 6010C - Metals (ICP) - (mg/kg)			
Arsenic, Total	49.2	21.3	1.01
Barium, Total	185	275	-
Cadmium, Total	0.837 J	3.40	-
Chromium, Total	24.9	49.1	-
Copper, Total	81.7	183	-
Lead, Total	182	1,060	71.8
Manganese, Total	234	216	-
Nickel, Total	22.4	48.5	-
Selenium, Total	0.296 J	1.77 J	-
Zinc, Total	375	1,250	-
Method: 7471B - Mercury (CVAA) - (mg/kg)			
Mercury, Total	0.826	0.784	-

Analyte:	SB022 0-3' 7/5/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)	
Benzo(a)anthracene	0.96
Benzo(a)pyrene	0.87
Benzo(b)fluoranthene	1.1
Benzo(k)fluoranthene	0.95
Chrysene	0.95
Dibenz(a,h)anthracene	0.12
Indeno(1,2,3-cd)Pyrene	0.52
Method: 6010C - Metals (ICP) - (mg/kg)	
Arsenic, Total	7.99
Barium, Total	300
Cadmium, Total	0.881
Chromium, Total	13.3
Copper, Total	137
Lead, Total	240
Manganese, Total	279
Nickel, Total	13.7
Selenium, Total	0.218 U
Zinc, Total	285
Method: 7471B - Mercury (CVAA) - (mg/kg)	
Mercury, Total	0.341
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)	
4,4'-DDD	0.00231
4,4'-DDT	0.0074 P

Analyte:	SB021 0-3' 7/5/2019	SB021 3-6' 7/5/2019	SB021 6-9' 7/5/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)			
Benzo(a)anthracene	0.18	8	0.067 J
Benzo(a)pyrene	0.25	9.2	0.062 J
Benzo(b)fluoranthene	0.07 J	3.2	0.029 U
Benzo(k)fluoranthene	0.19	6.9	0.058 J
Chrysene	0.092 J	1.2	0.021 U
Dibenz(a,h)anthracene	0.16	5.8	0.076 J
Indeno(1,2,3-cd)Pyrene	0.18	7.2	0.062 J
Method: 6010C - Metals (ICP) - (mg/kg)			
Arsenic, Total	2.84	7.84	-
Barium, Total	83.4	121	-
Cadmium, Total	0.091 J	0.524 J	-
Chromium, Total	24.3	16.0	-
Copper, Total	28.2	189	-
Lead, Total	32.7	145	-
Manganese, Total	747	278	-
Nickel, Total	15.5	26.1	-
Selenium, Total	0.214 U	0.364 J	-
Zinc, Total	83.2	207	-
Method: 7471B - Mercury (CVAA) - (mg/kg)			
Mercury, Total	0.045 U	0.143	-

Analyte:	SB009_E 8-10' 5/10/2019
Method: 8260C - VOCs by GC/MS - (mg/kg)	
1,2,4-Trimethylbenzene	160
1,3,5-Trimethylbenzene	63
Acetone	1.4 U
Ethylbenzene	1.1 J
n-Butylbenzene	17
n-Propylbenzene	33
sec-Butylbenzene	24

Analyte:	SB023 0-3' 7/5/2019	SB023 3-6' 7/5/2019
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)		
Benzo(a)anthracene	0.043 J	0.28
Benzo(a)pyrene	0.048 U	0.24
Benzo(b)fluoranthene	0.056 J	0.31
Benzo(k)fluoranthene	0.031 U	0.10 J
Chrysene	0.045 J	0.26
Dibenz(a,h)anthracene	0.0220 U	0.04 J
Indeno(1,2,3-cd)Pyrene	0.028 J	0.17
Method: 6010C - Metals (ICP) - (mg/kg)		
Arsenic, Total	2.67	2.38
Barium, Total	54.0	1.13
Cadmium, Total	0.089 U	0.083 U
Chromium, Total	15.3	21.9
Copper, Total	17.4	28.0
Lead, Total	317	66.3
Manganese, Total	233	213
Nickel, Total	11.7	24.1
Selenium, Total	0.234 U	0.218 U
Zinc, Total	49.1	75.1
Method: 7471B - Mercury (CVAA) - (mg/kg)		
Mercury, Total	0.247	0.046 U

Analyte:	CAS Number	NYSDEC[1] Soil Cleanup Objectives Unrestricted Use	NYSDEC[1] Soil Cleanup Objectives Restricted-Residential Use
Method: 8260C - VOCs by GC/MS - (mg/kg)			
1,2,4-Trimethylbenzene	95-63-6	3.6	52
1,3,5-Trimethylbenzene	108-67-8	8.4	52
Acetone	67-64-1	0.05	100[a]
Ethylbenzene	100-41-4	1	41
n-Butylbenzene	104-51-8	12	100[a]
n-Propylbenzene	103-65-1	3.9	100[a]
sec-Butylbenzene	135-98-8	11	100[a]
Method: 8270 D - SVOCs (GC/MS) - (mg/kg)			
Benzo(a)anthracene	56-55-3	1[c]	1[c]
Benzo(a)pyrene	50-32-8	1[c]	1[c]
Benzo(b)fluoranthene	205-99-2	1[c]	1[c]
Benzo(k)fluoranthene	207-08-9	0.8[c]	3.9
Chrysene	218-01-9	1[c]	3.9
Dibenz(a,h)anthracene	53-70-3	0.33[d]	0.33[d]
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5[c]	0.5[c]
Method: 6010C - Metals (ICP) - (mg/kg)			
Arsenic, Total	7440-38-2	13[g]	16[i]
Barium, Total	7440-39-3	350[g]	400
Cadmium, Total	7440-43-9	2.5[i]	4.3
Chromium, Total	7440-47-3	30[i]	180[h]
Copper, Total	7440-50-8	50	270
Lead, Total	7439-92-1	63[i]	400
Manganese, Total	7439-96-5	1,600[i]	2,000[i]
Nickel, Total	7440-02-0	30	310
Selenium, Total	7782-49-2	3.9[i]	180
Zinc, Total	7440-66-6	109[i]	10,000[a]
Method: 7471B - Mercury (CVAA) - (mg/kg)			
Mercury, Total	7439-97-6	0.18[i]	0.81[i]
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)			
4,4'-DDD	72-54-8	0.0033[b]	13
4,4'-DDT	50-29-3	0.0033[b]	7.9

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DRAWING PREPARED FOR:

355 Exterior Street Associates LLC
c/o The Lightstone Group
460 Park Avenue, 13th Floor
New York, New York 10022

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	LST1802	Designed by:	DE
Date:	9/26/2019	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	DE

Site Plan - Soil Analytical Summary

355 Exterior Street
Bronx, NY

FIGURE NO:
2

Not es:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted use of Soil Cleanup Objective Table 375-6.8a 12/06
a- For constituents where the calculated SCO was lower than the natural soil background concentration, the natural soil background concentration is used as the Track 1 SCO value.
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06
b- The SCO for industrial use and protection of groundwater were capped at a maximum value of 1000 ppm.
c- The SCOs for metals were capped at a maximum value of 10,000 ppm.
n- The SCO for the specific compound or family of compounds is consider ed to be met if the analysis for the total species of this contaminant is below the specific SCO.
i- The SCOs the lower of the values for mercury (elemental) or mercury (inorganic salts).
B- Compound was found in the blank and sample.
J- Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U- Indicates the analyte was analyzed for but not detected.
Highlighted text denotes concentrations exceeding the NYSDEC Unrestricted Use SCO
Highlighted text denotes concentrations exceeding the NYSDEC Restricted-Residential Use SCO

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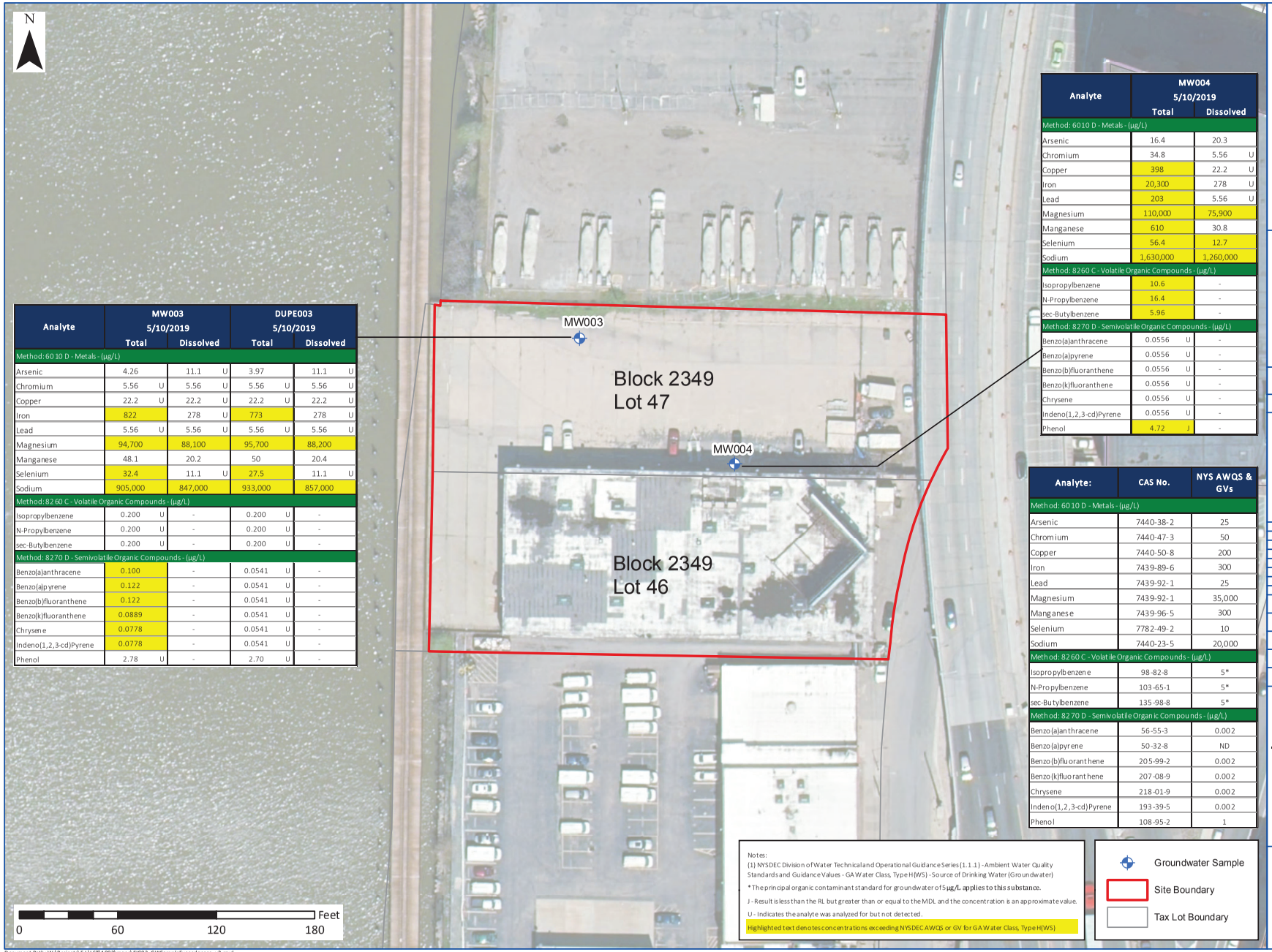

Analyte	MW003 5/10/2019 Total		MW003 5/10/2019 Dissolved		DUPE003 5/10/2019 Total		DUPE003 5/10/2019 Dissolved	
Method: 6010 D - Metals - (µg/L)								
Arsenic	4.26		11.1	U	3.97		11.1	U
Chromium	5.56	U	5.56	U	5.56	U	5.56	U
Copper	22.2	U	22.2	U	22.2	U	22.2	U
Iron	822		278	U	773		278	U
Lead	5.56	U	5.56	U	5.56	U	5.56	U
Magnesium	94,700		88,100		95,700		88,200	
Manganese	48.1		20.2		50		20.4	
Selenium	32.4		11.1	U	27.5		11.1	U
Sodium	905,000		847,000		933,000		857,000	
Method: 8260 C - Volatile Organic Compounds - (µg/L)								
Isopropylbenzene	0.200	U	-		0.200	U	-	
N-Propylbenzene	0.200	U	-		0.200	U	-	
sec-Butylbenzene	0.200	U	-		0.200	U	-	
Method: 8270 D - Semivolatile Organic Compounds - (µg/L)								
Benzo(a)anthracene	0.100		-		0.0541	U	-	
Benzo(a)pyrene	0.122		-		0.0541	U	-	
Benzo(b)fluoranthene	0.122		-		0.0541	U	-	
Benzo(k)fluoranthene	0.0889		-		0.0541	U	-	
Chrysene	0.0778		-		0.0541	U	-	
Indeno(1,2,3-cd)Pyrene	0.0778		-		0.0541	U	-	
Phenol	2.78	U	-		2.70	U	-	

Analyte	MW004 5/10/2019 Total		MW004 5/10/2019 Dissolved	
Method: 6010 D - Metals - (µg/L)				
Arsenic	16.4		20.3	
Chromium	34.8		5.56	U
Copper	398		22.2	U
Iron	20,300		278	U
Lead	203		5.56	U
Magnesium	110,000		75,900	
Manganese	610		30.8	
Selenium	56.4		12.7	
Sodium	1,630,000		1,260,000	
Method: 8260 C - Volatile Organic Compounds - (µg/L)				
Isopropylbenzene	10.6		-	
N-Propylbenzene	16.4		-	
sec-Butylbenzene	5.96		-	
Method: 8270 D - Semivolatile Organic Compounds - (µg/L)				
Benzo(a)anthracene	0.0556	U	-	
Benzo(a)pyrene	0.0556	U	-	
Benzo(b)fluoranthene	0.0556	U	-	
Benzo(k)fluoranthene	0.0556	U	-	
Chrysene	0.0556	U	-	
Indeno(1,2,3-cd)Pyrene	0.0556	U	-	
Phenol	4.72	J	-	

Analyte:	CAS No.	NYS AWQS & GVs
Method: 6010 D - Metals - (µg/L)		
Arsenic	7440-38-2	25
Chromium	7440-47-3	50
Copper	7440-50-8	200
Iron	7439-89-6	300
Lead	7439-92-1	25
Magnesium	7439-92-1	35,000
Manganese	7439-96-5	300
Selenium	7782-49-2	10
Sodium	7440-23-5	20,000
Method: 8260 C - Volatile Organic Compounds - (µg/L)		
Isopropylbenzene	98-82-8	5*
N-Propylbenzene	103-65-1	5*
sec-Butylbenzene	135-98-8	5*
Method: 8270 D - Semivolatile Organic Compounds - (µg/L)		
Benzo(a)anthracene	56-55-3	0.002
Benzo(a)pyrene	50-32-8	ND
Benzo(b)fluoranthene	205-99-2	0.002
Benzo(k)fluoranthene	207-08-9	0.002
Chrysene	218-01-9	0.002
Indeno(1,2,3-cd)Pyrene	193-39-5	0.002
Phenol	108-95-2	1

Notes:
(1) NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) - Ambient Water Quality Standards and Guidance Values - GA Water Class, Type H(WS) - Source of Drinking Water (Groundwater)

* The principal organic contaminant standard for groundwater of 5 µg/L applies to this substance.

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U - Indicates the analyte was analyzed for but not detected.

Highlighted text denotes concentrations exceeding NYSDEC AWQS or GV for GA Water Class, Type H(WS)

Groundwater Sample
Site Boundary
Tax Lot Boundary

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DRAWING PREPARED FOR:

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c/o The Lightstone Group
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REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	LST1802	Designed by:	DH
Date:	9/16/2019	Drawn by:	TS
Scale:	AS SHOWN	Approved by:	DH

Site Plan - Groundwater Analytical Summary

355 Exterior Street
Bronx, NY

FIGURE NO:

3

Analyte:	SV002 5/10/2019
Volatile Organic Compounds by TO-15 ug/m3	
1,2-Dichlorotetrafluoroethane	22
2-Butanone	120
2-Hexanone	16
Acetone	67
Benzene	5.3
Carbon disulfide	4.1
Cyclohexane	1.5
Dichlorodifluoromethane	2.6
Isopropyl Alcohol	4.5
n-Heptane	1.5
n-Hexane	1.8
p-Ethyltoluene	1.7
Propylene	11
Tetrachloroethene	12
Tetrahydrofuran	5.8
Toluene	4.5
Trichlorofluoromethane	2.3

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Scale:	AS SHOWN	Approved by:	DH

Site Plan - Soil Vapor Analytical Summary

355 Exterior Street
Bronx, NY

FIGURE NO:

4

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TABLES

Table 1
Soil Analytical Summary Tables for Volatile Organic Compounds

Analyte:	CAS Number	NYSDEC [1] Soil Cleanup Objectives Unrestricted Use	NYSDEC [2] Soil Cleanup Objectives Restricted-Residential Use	355-399 Exterior Street - Bronx, New York											
				SB009 2-4' 5/10/2019 19E0591-26		SB009 6-8' 5/10/2019 19E0591-25		SB009 8-10' 5/10/2019 19E0591-27		SB009_N 8-10' 5/10/2019 19E0591-39		SB009_W 8-10' 5/10/2019 19E0591-40		SB009_E 8-10' 5/10/2019 19E0591-38		SB016 6-8' 6/6/2019 L1924473-21	
Method 8260C - Volatile Organic Compounds by GC/MS - (mg/kg)																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00016	U
1,1,1-Trichloroethane	71-55-6	0.68	100[a]	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0002	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0002	U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	-	
1,1,2-Trichloroethane	79-00-5	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00033	U
1,1-Dichloroethane	75-34-3	0.27	26	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00018	U
1,1-Dichloroethylene	75-35-4	0.33	100[a]	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00029	U
1,1-Dichloropropylene	563-58-6	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0002	U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00039	U
1,2,3-Trichloropropane	96-18-4	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00016	U
1,2,4,5-Tetramethybenzene	95-93-2	NS	NS	-		-		-		-		-		-		0.00023	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00033	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	160		0.00041	U
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0012	U
1,2-Dibromoethane	106-93-4	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00034	U
1,2-Dichlorobenzene	95-50-1	1.1	100[a]	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00018	U
1,2-Dichloroethane	107-06-2	0.02[c]	3.1	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00032	U
1,2-Dichloropropane	78-87-5	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00015	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	63		0.00024	U
1,3-Dichlorobenzene	541-73-1	2	49	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00018	U
1,3-Dichloropropane	142-28-9	NS	NS	-		-		-		-		-		-		0.0002	U
1,4-Dichlorobenzene	106-46-7	2	13	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00021	U
1,4-Dioxane	123-91-1	0.1[b]	13	0.061	U	0.054	U	4.3	U	0.065	U	0.068	U	14	U	0.043	U
2,2-Dichloropropane	594-20-7	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00025	U
2-Butanone	78-93-3	0.12	100[a]	0.0031	U	0.0027	U	0.21	U	0.0088		0.0034	U	0.70	U	0.019	
2-Chlorotoluene	95-49-8	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00023	U
2-Hexanone	591-78-6	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0014	U
4-Chlorotoluene	106-43-4	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00013	U
4-Methyl-2-pentanone	108-10-1	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0016	U
Acetone	67-64-1	0.05	100[a]	0.0061	U	0.0059	J	0.43	U	0.037		0.0074	J	1.4	U	0.11	
Acrolein	107-02-8	NS	NS	0.0061	U	0.0054	U	0.43	U	0.0065	U	0.0068	U	1.4	U	-	
Acrylonitrile	107-13-1	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0014	U
Benzene	71-43-2	0.06	4.8	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0002	U
Bromobenzene	108-86-1	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00018	U
Bromochloromethane	74-97-5	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00025	U
Bromodichloromethane	75-27-4	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00013	U
Bromoform	75-25-2	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0003	U
Bromomethane	74-83-9	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00071	U
Carbon disulfide	75-15-0	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0056	U
Carbon tetrachloride	56-23-5	0.76	2.4	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00028	U
Chlorobenzene	108-90-7	1.1	100[a]	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00016	U
Chloroethane	75-00-3	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00055	U
Chloroform	67-66-3	0.37	49	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00017	U
Chloromethane	74-87-3	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0011	U
cis-1,2-Dichloroethene	156-59-2	0.25	100[a]	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00021	U
cis-1,3-Dichloropropene	10061-01-5	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00019	U
Cyclohexane	110-82-7	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	-	
Dibromochloromethane	124-48-1	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00017	U
Dibromomethane	74-95-3	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00029	U
Dichlorodifluoromethane	75-71-8	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0011	U
Ethyl Ether	60-29-7	NS	NS	-		-		-		-		-		-		0.00042	U
Ethylbenzene	100-41-4	1	41	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	1.1	J	0.00017	U
Hexachlorobutadiene	87-68-3	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00021	U
Isopropylbenzene	98-82-8	NS	NS	0.0031	U	0.0027	U	0.24	J	0.0033	U	0.0034	U	13		0.00013	U
Methyl Acetate	79-20-9	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	-	
Methyl tert butyl ether	1634-04-4	0.93	100[a]	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00036	J
Methylcyclohexane	108-87-2	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	4.2		-	
Methylene chloride	75-09-2	0.05	100[a]	0.0068	J	0.0054	U	0.43	U	0.0065	U	0.010	J	1.4	U	0.0028	U
Naphthalene	91-20-3	12	100[a]	-		-		-		-		-		-		0.0008	U
n-Butylbenzene	104-51-8	12	100[a]	0.0031	U	0.0027	U	0.63		0.0033	U	0.0034	U	17		0.0002	U
n-Propylbenzene	103-65-1	3.9	100[a]	0.0031	U	0.0027	U	0.39	J	0.0033	U	0.0034	U	33		0.00021	U
o-Xylene	95-47-6	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.81	J	0.00036	U
p/m-Xylene	179601-23-1	NS	NS	0.0061	U	0.0054	U	0.43	U	0.0065	U	0.0068	U	1.4	U	0.00069	U
p-Diethylbenzene	105-05-5	NS	NS	-		-		-		-		-		-		0.00022	U
p-Ethyltoluene	622-96-8	NS	NS	-		-		-		-		-		-		0.00047	U
p-Isopropyltoluene	99-87-6	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	19		0.00013	U
sec-Butylbenzene	135-98-8	11	100[a]	0.0031	U	0.0027	U	1.5		0.0033	U	0.0034	U	24		0.00018	U
Styrene	100-42-5	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00024	U
tert-Butyl alcohol	75-65-0	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	-	
tert-Butylbenzene	98-06-6	5.9	100[a]	0.0031	U	0.0027	U	0.40	J	0.0033	U	0.0034	U	2.0		0.00014	U
Tetrachloroethene	127-18-4	1.3	19	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00024	U
Toluene	108-88-3	0.7	100[a]	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00067	U
trans-1,2-Dichloroethene	156-60-5	0.19	100[a]	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00017	U
trans-1,3-Dichloropropene	10061-02-6	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00033	U
trans-1,4-Dichloro-2-butene	110-57-6	NS	NS	-		-		-		-		-		-		0.0017	U
Trichloroethene	79-01-6	0.47	21	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00017	U
Trichlorofluoromethane	75-69-4	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00085	U
Vinyl acetate	108-05-4	NS	NS	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.0026	U
Vinyl chloride	75-01-4	0.02	0.9	0.0031	U	0.0027	U	0.21	U	0.0033	U	0.0034	U	0.70	U	0.00041	U
Xylenes, Total	1330-20-7	0.26	100[a]	0.0092	U	0.0082	U	0.64	U	0.0098	U	0.010	U	2.1	U	0.00036	U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
b - For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the Track 1 SCO value.
c - For constituents where the calculated SCO was lower than the rural soil background concentration, the rural soil background concentration is used as the Track 1 SCO value.
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restriced Use of Soil Cleanup Objective Table 375-6.8b 12/06
a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.
U - Indicates the analyte was analyzed for but not detected.
Highlighted text denotes concentrations exceeding the NYSDEC Unrestricted Use SCO
Highlighted text denotes concentrations exceeding the NYSDEC Restricted-Residential Use SCO

Table 2A
Soil Analytical Summary Tables for Semi-Volatile Organic Compounds and Metals

Analyte:	CAS Number	NYSDEC[1,2] Soil Cleanup Objectives Unrestricted Use	NYSDEC[1,2] Soil Cleanup Objectives Restricted-Residential Use	215-199 Exterior Street - Bronx, New York																			
				SB007 0-2' 5/10/2019 19H0391-21	SB007 8-10' 5/10/2019 19H0591-19	SB007 12-14' 5/10/2019 19H0391-20	SB008 0-2' 5/10/2019 19H0391-23	SB008 4-6' 5/10/2019 19H0391-24	DUP1E002 4-6' 5/10/2019 19H0391-36	SB008 6-8' 5/10/2019 19H0391-22	DUP1E001 6-8' 5/10/2019 19H0591-35	SB008 8-10' 6/6/2019 L1924073-06	SB008 10-12' 6/6/2019	SB009 2-4' 5/10/2019 19H0391-26	SB009 4-6' 5/10/2019 19H0591-25	SB009 8-10' 5/10/2019 19H0391-27	SB010 0-2' 5/10/2019 19H0591-28	SB010 2-4' 5/10/2019 19H0591-30	SB010 6-8' 5/10/2019 19H0391-29
Method: EPA 8270D - Semivolatile Organic Compounds (GC/MS) - (mg/kg)																							
1,1-Biphenyl	92-52-4	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	-	-	0.0485 U	0.0474 U	0.241 U	1.29 U	0.551	0.0596 U				
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	0.02 U	0.024 U	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.022 U	0.026 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
1,2-Dichlorobenzene	95-50-1	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.035 U	0.041 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
1,2-Diphenylhydrazine	122-66-7	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	-	-	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
1,3-Dichlorobenzene	541-73-1	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.034 U	0.039 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
1,4-Dichlorobenzene	106-46-7	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.034 U	0.04 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
1,4-Dioxane	123-91-1	0.1[3]	1.3	-	-	-	-	-	-	-	-	0.0193 U	0.011 U	-	-	-	-	-	-				
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	-	-	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.038 U	0.044 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.037 U	0.043 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2,4-Dichlorophenol	120-83-2	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.032 U	0.037 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2,4-Dimethylphenol	105-67-9	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.045 U	0.076 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2,4-Dinitrophenol	51-28-5	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	0.092 U	0.11 U	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
2,4-Dinitrotoluene	121-14-2	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.079 U	0.066 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2,6-Dinitrotoluene	606-20-2	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.034 U	0.039 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2-Chloronaphthalene	91-58-7	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.02 U	0.023 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2-Chlorophenol	95-57-8	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.023 U	0.027 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2-Methylnaphthalene	91-57-6	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0740 J	0.0551 U	0.0532 U	0.0824 J	0.109	0.34	0.0231 U	0.0485 U	0.0474 U	0.241 U	1.29 U	1.14	0.0596 U				
2-Methylphenol	95-48-7	0.33[f]	100[3]	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.03 U	0.036 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
2-Nitroaniline	88-74-4	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	0.0318 U	0.044 U	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
2-Nitrophenol	88-75-5	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.074 U	0.086 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
3+4-Methylphenol	106-44-5	0.33[f]	100[3]	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.13 J	0.57	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.052 U	0.061 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
3-Nitroaniline	99-09-2	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	0.0317 U	0.043 U	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	0.094 U	0.11 U	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.03 U	0.035 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
4-Chloro-3-methylphenol	59-50-7	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.029 U	0.036 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
4-Chloroaniline	106-47-8	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.036 U	0.042 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	0.0321 U	0.024 U	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
4-Nitroaniline	100-01-6	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.0311 U	0.095 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
4-Nitrophenol	100-02-7	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	0.08 U	0.094 U	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
Acenaphthene	83-32-9	20	100[3]	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.105	0.108	1.1	0.108	0.012 J	0.0485 U	0.0474 U	0.241 U	1.29 U	3.12	0.0596 U				
Acenaphthylene	208-96-8	100[3]	100[3]	0.0490 U	0.0562 U	0.0699 J	0.0731 J	0.0551 U	0.0532 U	0.0560 U	0.162	0.67	0.0315 U	0.0727 J	0.0474 U	0.241 U	1.29 U	0.186	0.0596 U				
Acetophenone	98-86-2	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.024 U	0.028 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Aniline	62-53-3	100[3]	NS	0.196 U	0.224 U	0.287 U	0.226 U	0.220 U	0.213 U	0.227 U	0.217 U	-	-	0.193 U	0.189 U	0.962 U	5.15 U	0.210 U	0.218 U				
Anthracene	120-12-7	100[3]	100[3]	0.0490 U	0.0797 J	0.120 J	0.0566 U	0.0886	0.515	0.339	0.598	3	0.086 J	0.144 U	0.0474 U	0.241 U	1.29 U	6.72	0.0819 J				
Atrazine	1912-24-9	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	-	-	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Benzaldehyde	100-52-7	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.0552 U	0.061 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Benzidine	92-87-5	NS	NS	0.196 U	0.224 U	0.287 U	0.226 U	0.220 U	0.213 U	0.227 U	0.217 U	-	-	0.194 U	0.189 U	0.962 U	5.15 U	0.210 U	0.218 U				
Benzo(a)anthracene	56-55-3	1[c]	1[3]	0.214	0.239	0.327	0.188	0.742	1.08	0.964	1.14	6.5	0.28	0.197	0.0474 U	0.241 U	1.29 U	1.93	0.252				
Benzo(a)pyrene	50-32-8	1[c]	1[3]	0.284	0.232	0.491	0.261	0.753	1.28	1.19	1.59	6.4	0.25	1.56	0.0474 U	0.241 U	1.29 U	2.11	0.281				
Benzo(b)fluoranthene	205-99-2	1[c]	1[3]	0.252	0.158	0.248	0.261	0.590	0.921	0.865	1.22	7.5	0.24	0.726	0.0474 U	0.241 U	1.29 U	2.68	0.219				
Benzo(ghi)perylene	191-24-2	100	100[3]	0.196	0.114	0.277	0.182	0.457	0.699	0.798	1.00	3.9	0.14 J	0.581	0.0474 U	0.241 U	1.29 U	1.55	0.196				
Benzo(k)fluoranthene	207-08-9	0.8[c]	3.9	0.210	0.154	0.263	0.209	0.473	0.765	0.717	1.11	3.3	0.075 J	0.712	0.0474 U	0.241 U	1.29 U	1.86	0.186				
Benzoic Acid	65-85-0	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.2 U	0.23 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Benzyl Alcohol	100-51-6	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.06 U	0.07 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Biphenyl	92-52-4	NS	NS	-	-	-	-	-	-	-	-	0.155 J	0.053 U	-	-	-	-	-	-				
Butyl benzyl phthalate	85-68-7	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.05 U	0.059 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.02 U	0.023 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.027 U	0.031 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.034 U	0.039 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.068 U	0.079 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Caprolactam	105-60-2	NS	NS	0.0977 U	0.112 U	0.144 U	0.113 U	0.110 U	0.106 U	0.113 U	0.109 U	-	-	0.0967 U	0.0946 U	0.480 U	2.57 U	0.105 U	0.109 U				
Carbazole	86-74-8	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.111 J	0.246	1.1	0.0222 U	0.0474 U	0.241 U	1.29 U	1.57	0.0596 U				
Chrysene	218-01-9	1[c]	3.9	0.219	0.238	0.319	0.200	0.654	0.968	0.830	1.27	5.5	0.24	0.853	0.0474 U	0.241 U	1.29 U	1.74	0.227				
Dibenz(a,h)anthracene	53-70-3	0.33[f]	0.33[f]	0.0609 J	0.0562 U	0.0720 U	0.0604 J	0.141	0.214	0.177	0.249	0.75	0.031 J	0.176	0.0474 U	0.241 U	1.29 U	0.384	0.0596 U				
Dibenzofuran	132-64-9	7	59	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0799 J	0.00815 J	0.0598 J	0.128 J	0.94	0.022 U	0.0485 U	0.0474 U	0.241 U	1.29 U	2.24	0.0596 U				
Diethyl phthalate	84-66-2	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.0311 U	0.021 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Dimethyl phthalate	131-11-3	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.041 U	0.048 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Di-n-butyl phthalate	84-74-2	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.037 U	0.043 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Di-n-octyl phthalate	117-84-0	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.067 U	0.078 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Fluoranthene	206-44-0	100[3]	100[3]	0.362	0.501	0.555	0.281	1.49	2.23	1.80	2.03	23	0.4	1.30	0.0474 U	0.241 U	1.29 U	4.16	0.459				
Fluorene	86-73-7	30	100[3]	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.122	0.138	0.129	0.169	0.95	0.03 J	0.0485 U	0.0474 U	0.241 U	1.29 U	2.42	0.0596 U				
Hexachlorobenzene	118-74-1	0.33[f]	1.2	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.022 U	0.026 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Hexachlorobutadiene	87-68-3	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.029 U	0.034 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.18 U	0.21 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Hexachloroethane	67-72-1	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.032 U	0.037 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5[c]	0.5[c]	0.216	0.142	0.270	0.225	0.495	0.779	0.908	1.18	4.2	0.13 J	0.628	0.0474 U	0.241 U	1.29 U	1.69	0.217				
Isophorone	78-59-1	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.036 U	0.03 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Naphthalene	91-20-3	12	100[3]	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0576 J	0.0811 J	0.0735 J	0.11 J	1.1	0.078 J	0.0485 U	0.0474 U	0.241 U	1.29 U	7.85	0.0596 U				
Nitrobenzene	98-95-3	NS	1.5	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.029 U	0.034 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
N-Nitrosodimethylamine	62-75-9	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	-	-	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
N-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.03 U	0.035 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Nitrosodiphenylamine(NDPA)/DPA	86-30-6	NS	NS	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.022 U	0.026 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Pentachlorophenol	87-86-5	0.8[c]	6.7	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.143 U	0.05 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Phenanthrene	85-01-8	100	100[3]	0.133	0.365	0.171	0.131	0.999	1.39	1.35	1.99	17	0.27	0.467	0.0474 U	0.241 U	1.29 U	2.55	0.315				
Phenol	108-95-2	0.33[f]	100[3]	0.0490 U	0.0562 U	0.0720 U	0.0566 U	0.0551 U	0.0532 U	0.0560 U	0.0544 U	0.0575 J	0.035 U	0.0485 U	0.0474 U	0.241 U	1.29 U	0.0526 U	0.0596 U				
Pyrene	129-00-0	100	100[3]	0.385	0.516	0.711	0.257	1.63	2.22	1.95	2.63	21	0.5	1.38	0.0474 U	0.241 U	1.29 U	3.29	0.383				
Pyridine	110-86-1	NS	NS	0.196 U	0.224 U	0.287 U	0.226 U	0.220 U	0.213 U	0.227 U	0.217 U	-	-	0.194 U	0.189 U	0.962 U	5.15 U	0.210 U	0.218 U				
Method: 6010C - Metals (ICP) - (mg/kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Aluminum, Total	7429-90-5	NS	NS	11,000	6,780	21,400	4,130	5,780	5,370	12,700	9,690	-	-	4,740	10,900	17,900	3,580	5,660	5,830				
Antimony, Total	7440-36-0	NS	NS	2.95 U	3.39 U	4.32 U	3.40 U	3.31 U	3.2 U	3.41 U	3.27 U	-	-	2.92 U	2.85 U	2.91 U	3.12 U	3.18 U	3.30 U				
Arsenic, Total	7440-38-2	13[f]	16[f]	5.67	8.26	22.1	3.53	20.7	5.95	4.78	3.94	-	-	6.39	1.71 U	2.37	3.89	5.33	4.18				
Barium, Total	7440-39-3	350[f]	400	1.47	37.6	133	62.1	154	81.5	59.3	39.2	-	-	278	9.53	166	32.9	5.50	20.1				
Beryllium, Total	7440-41-7	7.2	7.2	0.320	0.712	0.704	0.208	0.199	0.101	0.258	0.325	-	-	0.282	0.057 U	0.058 U	0.062 B	0.066 B	0.0616 U				
Cadmium, Total	7440-43-9	2.5[f]	4.3	0.947	0.602	0.827	0.409 U	1.30	1.42	0.409 U	0.392 U	-	-	1.21	2.25	0.426	0.424	2.40	0.396 U				
Calcium, Total	7440-70-2	NS	NS	1,100	9,600	3,800	3,420	15,100	14,500	15,900	6,080	-	-	8,070	16,200	12,400	7,500	16,900	2,900				
Chromium, Total	7440-47-3	30[f]	180[3]	15.4	11.7	59.6	7.93	14.3	8.29	17.3	12.7	-	-	10.2	1.85	26.5	11.1	9.77	12.9				
Cobalt, Total	7440-48-4	NS	NS	8.65	1.20	16.1	5.62	6.25	4.98	8.83	7.92	-	-	8.13	1.19	10.9	4.43	5.11	8.36				
Copper, Total	7440-50-8	50	270	1.17	17.0	158	37.5	336	181	19.8	18.0	-	-	288	1.89	48.2	21.2	1.43 J	35.0				
Iron, Total	7439-89-6	NS	NS	18,000	10,300	39,800	16,600	13,400	14,100	17,300	15,600	-	-	10,100	16,800	29,700	10,900	13,500	10,600				
Lead, Total	7439-92-1	63[f]	400	1.01	43.1	365	50.9	401	1.35	20.1	248	-	-	307	6.24	77.8	62.4	7.79	52.1				
Magnesium, Total	7439-95-4	NS	NS	2,920	913	6,970	3,390	4,280	6,910	7,220	3,730	-	-	1,270	16,700	15,100	19,200	7,570	3,060				
Manganese, Total	7439-96-5	1,600[f]	2,000[f]	416	329	903	1.60	235	2.52	261	2.54	-	-	145	1,760	226	2.40	240	183				
Nickel, Total	7440-02-0	30	310	18.8	22.1	39.5	13.1	13.1	10.3	16.6	15.3	-	-	15.3	2.15	29.6	9.65	1.97	17.0				
Potassium, Total	7440-09-7	NS	NS	1,580	1,060	4,460	752	850	800	1,630	1,060	-	-	560	3,240	6,920	947	923	1,260				
Selenium, Total	7782-49-2	3.9[f]	180	2.95 U	3.39 U	4.32 U	3.40 U	3.31 U	3.2 U	3.41 U	3.27 U	-	-	2.92 U	2.85 U	2.91 U	11.8	3.18 U	3.30 U				
Silver, Total	7440-22-4	2	180	0.590 U	0.679 U	0.864 U	0.681 U	0.661 U	0.639 U	0.682 U	0.653 U	-	-	0.584 U	0.569 U	0.582 U	0.623 U	0.636 U	0.660 U				
Sodium, Total	7440-23-5	NS	NS	4.44	1,950	2,780	214	296	273	284	207	-	-	217	367	801	156	198	290				
Thallium, Total	7440-28-0	NS	NS	2.95 U	3.39 U	4.32 U	3.40 U	3.31 U	3.2 U	3.41 U	3.27 U	-	-	2.92 U	2.85 U	2.91 U	3.12 U	3.18 U	3.30 U				
Vanadium, Total	7440-62-2	NS	NS	25.1	24.3	51.0	11.9	19.0	16.1	26.4	16.8	-	-	22.0	2.80	46.3	14.7	15.4	19.1				
Zinc, Total	7440-66-6	109[f]	10,000[f]	2.68	39.9	200	57.5	531	6.45	50.8	43.3	-	-	385	47.4	104	72.7	1.43 J	56.3				
Method: 7471B - Mercury (CVAA) - (mg/kg)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Mercury, Total	7439-97-6	0.18[f]	0.81[3]	0.462	1.40	5.38	0.0673	0.746	0.613	0.244	0.142	-	-	0.367	0.0312 U	0.243	0.216	0.115	0.258				

Notes:
(1) 1 NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 1 Restricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
a- The SCOs for unrestricted use were capped at a maximum value of 100 ppm.
b - For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the Track 1 SCO value.
c - For constituents where the calculated SCO was lower than the rural soil background concentration, the rural soil background concentration is used as the Track 1 SCO value.
d - SCO is the sum of endosulfan I, endosulfan II and endosulfan sulfate.
e - The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
(2) 1 NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06
a - The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 ppm.
c - The SCOs for industrial use and protection of groundwater were capped at a maximum value of 1000 ppm.
d - The SCOs for metals were capped at a maximum value of 10,

Table 2B
Soil Analytical Summary Tables for Semi-Volatile Organic Compounds, Metals, Pesticides and PCBs

Analyte	CAS Number	NYSDEC[7] Soil Cleanup Objectives Unrestricted Use	NYSDEC[7] Soil Cleanup Objectives Restricted Residential Use	2101-2109 Atlantic Avenue - Bronx, New York																	
				SB016 6-8' 6/6/2019 L1910447-21	SB016 8-10' 6/6/2019 L1910447-22	SB016 10-12' 6/6/2019 L1910447-23	SB017 6-8' 6/6/2019 L1910447-01	SB018 0-2' 7/3/2019 L1910459-01	SB018 3-4' 7/3/2019 L1910459-02	SB019 0-2' 7/11/2019 L1910459-03	SB019 3-4' 7/11/2019 L1910459-04	SB019 6-9' 7/11/2019 L1910459-05	SB020 0-2' 7/11/2019 L1910459-06	SB021 0-2' 7/11/2019 L1910459-07	SB021 2-4' 7/11/2019 L1910459-08	SB022 2-4' 7/11/2019 L1910459-09	SB023 6-9' 7/11/2019 L1910459-10	SB024 0-2' 7/11/2019 L1910459-11	SB025 0-2' 7/11/2019 L1910459-12	SB026 2-4' 7/11/2019 L1910459-13
Methyl tert-butyl ether (MTBE)-Semi-Volatile Organic Compounds (SVOC) - EPA 8270																					
1,1-Biphenyl	92-52-4	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.02 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.02 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U
1,2-Dichlorobenzene	95-50-1	NS	NS	0.041 U	-	-	0.026 U	0.023 U	0.023 U	0.023 U	0.025 U	-	0.023 U	0.023 U	0.023 U	0.023 U	0.025 U	0.025 U	0.023 U	0.023 U	0.023 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	NS	NS	0.036 U	-	-	0.025 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
1,4-Dichlorobenzene	106-46-7	NS	NS	0.04 U	-	-	0.025 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
1,4-Dioxane	123-91-1	0.1[a]	13	0.01 U	-	-	0.0109 U	0.0098 U	0.0098 U	0.0094 U	0.0105 U	-	0.0098 U	0.0093 U	0.0092 U	0.0094 U	0.0106 U	0.0101 U	0.0092 U	0.0094 U	0.0096 U
1,4-Naphthoquinone	130-15-4	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Phenylenediamine	106-50-3	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1-Methylnaphthalene	90-12-0	NS	NS	0.044 U	-	-	0.029 U	0.024 U	0.025 U	0.025 U	0.028 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.028 U	0.027 U	0.025 U	0.025 U	0.025 U
1-Methylphenanthrene	832-69-9	NS	NS	0.048 U	-	-	0.031 U	0.026 U	0.027 U	0.027 U	0.031 U	-	0.027 U	0.027 U	0.027 U	0.027 U	0.031 U	0.03 U	0.027 U	0.028 U	0.027 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	0.036 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.044 U	-	-	0.029 U	0.024 U	0.025 U	0.025 U	0.028 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.028 U	0.027 U	0.025 U	0.025 U	0.025 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.048 U	-	-	0.031 U	0.026 U	0.027 U	0.027 U	0.031 U	-	0.027 U	0.027 U	0.027 U	0.027 U	0.031 U	0.03 U	0.027 U	0.028 U	0.027 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.037 U	-	-	0.023 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.075 U	-	-	0.047 U	0.038 U	0.04 U	0.04 U	0.045 U	-	0.04 U	0.04 U	0.04 U	0.04 U	0.045 U	0.043 U	0.04 U	0.041 U	0.04 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.11 U	-	-	0.065 U	0.052 U	0.055 U	0.055 U	0.062 U	-	0.055 U	0.054 U	0.053 U	0.054 U	0.062 U	0.059 U	0.053 U	0.056 U	0.054 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.046 U	-	-	0.041 U	0.033 U	0.035 U	0.035 U	0.039 U	-	0.035 U	0.034 U	0.034 U	0.034 U	0.039 U	0.037 U	0.034 U	0.035 U	0.034 U
2,6-Dichlorophenol	606-20-2	NS	NS	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
2-Acetylaminofluorene	53-96-3	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
2-Chloronaphthalene	91-58-7	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.02 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.02 U	0.02 U	0.019 U	0.019 U	0.019 U
2-Chlorophenol	95-57-8	NS	NS	0.036 U	-	-	0.023 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
2-Methylnaphthalene	91-57-6	0.41[b]	36	0.027 U	-	-	0.017 U	0.014 U	0.014 U	0.014 U	0.016 U	-	0.014 U	0.014 U	0.014 U	0.014 U	0.016 U	0.015 U	0.014 U	0.014 U	0.014 U
2-Methylphenol	95-48-7	0.33[c]	100[c]	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
2-Naphthylamine	91-59-8	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
2-Nitroaniline	88-74-4	NS	NS	0.048 U	-	-	0.031 U	0.026 U	0.027 U	0.027 U	0.031 U	-	0.027 U	0.027 U	0.027 U	0.027 U	0.031 U	0.03 U	0.027 U	0.028 U	0.027 U
2-Nitrophenol	88-75-5	NS	NS	0.036 U	-	-	0.023 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
2-Picoline	109-06-8	NS	NS	0.048 U	-	-	0.031 U	0.026 U	0.027 U	0.027 U	0.031 U	-	0.027 U	0.027 U	0.027 U	0.027 U	0.031 U	0.03 U	0.027 U	0.028 U	0.027 U
3 & 4-Methylphenol	15831-10-4	0.33[c]	100[c]	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
3,3'-Dimethylbenzidine	119-93-7	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
3-Methylcholanthrene	56-49-5	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
3-Methylphenol	108-39-4	0.33[c]	100[c]	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
3-Nitroaniline	99-09-2	NS	NS	0.048 U	-	-	0.031 U	0.026 U	0.027 U	0.027 U	0.031 U	-	0.027 U	0.027 U	0.027 U	0.027 U	0.031 U	0.03 U	0.027 U	0.028 U	0.027 U
4,6-Dinitro-2-methylphenol	534-52-1	NS	NS	0.11 U	-	-	0.065 U	0.052 U	0.055 U	0.055 U	0.062 U	-	0.055 U	0.054 U	0.053 U	0.054 U	0.062 U	0.059 U	0.053 U	0.056 U	0.054 U
4-Aminobiphenyl	92-67-1	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
4-Chloro-3-methylphenol	59-50-7	NS	NS	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.023 U	0.021 U	0.022 U	0.021 U
4-Chloroaniline	106-47-8	NS	NS	0.041 U	-	-	0.027 U	0.022 U	0.023 U	0.023 U	0.026 U	-	0.023 U	0.023 U	0.023 U	0.023 U	0.026 U	0.025 U	0.023 U	0.023 U	0.023 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
4-Nitroaniline	100-01-6	NS	NS	0.044 U	-	-	0.029 U	0.024 U	0.025 U	0.025 U	0.028 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.028 U	0.027 U	0.025 U	0.025 U	0.025 U
4-Nitrophenol	100-02-7	NS	NS	0.08 U	-	-	0.053 U	0.043 U	0.045 U	0.045 U	0.051 U	-	0.045 U	0.044 U	0.043 U	0.044 U	0.051 U	0.049 U	0.043 U	0.046 U	0.044 U
Acenaphthene	83-32-9	20[c]	100[c]	0.024 U	-	-	0.015 U	0.013 1	0.014 U	0.016 U	0.016 U	0.061 1	0.12 1	0.019 U	1	0.015 U	0.1 1	0.08 U	0.014 U	0.039 U	1
Acenaphthylene	208-96-8	100[c]	100[c]	0.036 U	-	-	0.013 U	0.018 U	0.086 1	0.3 1	0.16 1	0.22 1	0.19 1	0.042 1	0.22 1	0.018 U	0.11 1	0.08 U	0.019 U	0.039 U	0.17 1
Acetophenone	98-86-2	NS	NS	0.038 U	-	-	0.023 U	0.022 U	0.023 U	0.023 U	0.024 U	-	0.023 U	0.022 U	0.022 U	0.022 U	0.024 U	0.023 U	0.022 U	0.023 U	0.022 U
Aniline	62-53-3	NS	100[c]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	120-12-7	100[c]	100[c]	0.046 U	-	-	0.04 U	0.098 1	0.22 1	0.16 1	0.14 1	-	0.19 1	0.048 1	1	0.16 1	0.033 1	0.038 U	0.033 1	0.038 U	0.042 1
Atrazine	1912-24-9	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	100-52-7	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzidine	92-87-5	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	56-55-3	1[c]	1[c]	0.12 1	-	-	0.14 1	0.18 1	0.48 1	0.62 1	0.58 1	-	0.7 1	0.18 1	9	0.67 1	0.56 1	0.043 1	0.28 1	0.039 U	1
Benzo(a)pyrene	50-32-8	1[c]	1[c]	0.13 1	-	-	0.15 1	0.16 1	0.37 1	0.58 1	0.54 1	-	0.7 1	0.18 1	7.2 1	0.62 1	0.47 1	0.043 1	0.24 1	0.039 U	1
Benzo(b)fluoranthene	205-99-2	1[c]	1[c]	0.12 1	-	-	0.16 1	0.15 1	0.51 1	0.7 1	0.71 1	-	1.1 1	0.23 1	9.3 1	0.8 1	0.6 1	0.056 1	0.31 1	0.039 U	1
Benzo(ghi)perylene	191-24-2	100	100[c]	0.048 U	-	-	0.031 U	0.026 U	0.027 U	0.027 U	0.031 U	-	0.027 U	0.027 U	0.027 U	0.027 U	0.031 U	0.03 U	0.027 U	0.028 U	0.027 U
Benzo(k)fluoranthene	207-08-9	0.8[c]	3.9	0.048 U	-	-	0.031 U	0.026 U	0.027 U	0.027 U	0.031 U	-	0.027 U	0.027 U	0.027 U	0.027 U	0.031 U	0.03 U	0.027 U	0.028 U	0.027 U
Benzoic Acid	65-85-0	NS	NS	0.18 U	-	-	0.11 U	0.088 U	0.092 U	0.092 U	0.11 U	-	0.092 U	0.091 U	0.089 U	0.091 U	0.11 U	0.1 U	0.089 U	0.095 U	0.091 U
Benzyl Alcohol	100-51-6	NS	NS	0.07 U	-	-	0.043 U	0.035 U	0.037 U	0.037 U	0.042 U	-	0.037 U	0.036 U	0.036 U	0.036 U	0.042 U	0.04 U	0.036 U	0.038 U	0.036 U
Benzyl butyl phthalate	85-68-7	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
Bis(2-chloroethyl) ether	111-44-4	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.021 U	0.019 U	0.02 U	0.019 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	0.079 U	-	-	0.07 U	0.06 U	0.063 U	0.49 1	0.17 1	-	0.063 U	0.062 U	0.062 U	0.062 U	0.07 U	0.068 U	0.062 U	0.065 U	0.063 U
Caprolactam	105-60-2	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	86-74-8	NS	NS	0.038 U	-	-	0.02 U	0.018 U	0.084 1	0.045 1	0.067 1	-	0.13 1	0.018 U	0.31 1	0.018 U	0.1 1	0.0196 U	0.038 U	0.039 U	1
Chrysene	218-01-9	1[c]	3.9[c]	0.13 1	-	-	0.24 1	0.19 1	0.4 1	0.71 1	0.57 1	-	0.7 1	0.19 1	6.9 1	0.59 1	0.5 1	0.043 1	0.24 1	0.039 U	1
Dibenz(a,h)anthracene	53-70-3	0.33[c]	0.33[c]	0.036 U	-	-	0.021 U	0.018 U	0.061 1	0.1 1	0.096 1	-	0.16 1	0.032 1	1.3 1	0.093 1	0.13 1	0.043 1	0.038 U	0.039 U	0.18 1
Dibenzofuran	132-64-9	7[c]	59	0.032 U	-	-	0.019 U	0.016 U	0.111 1	0.024 1	0.03 1	-	0.14 1	0.017 U	0.47 1	0.017 U	0.056 1	0.0110 U	0.016 U	0.017 U	0.016 U
Diethyl phthalate	84-66-2	NS	NS	0.023 U	-	-	0.015 U	0.013 U	0.087 1	0.031 1	0.016 U	-	0.087 1	0.013 U	0.018 U	0.013 U	0.016 U	0.0157 U	0.013 U	0.014 U	0.013 U
Dimethyl phthalate	131-11-3	NS	NS	0.048 U	-	-	0.043 U	0.037 U	0.037 U	0.039 U	0.041 U	-	0.038 U	0.038 U	0.037 U	0.038 U	0.041 U	0.0210 U	0.038 U	0.041 U	0.039 U
Di-n-butylphthalate	84-74-2	NS	NS	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.0236 U	0.021 U	0.022 U	0.021 U
Di-n-octylphthalate	117-84-0	NS	NS	0.077 U	-	-	0.047 U	0.042 U	0.042 U	0.042 U	0.047 U	-	0.042 U	0.0411 U	0.041 U	0.042 U	0.047 U	0.0446 U	0.042 U	0.044 U	0.042 U
Fluoranthene	206-44-0	100[c]	100[c]	0.11 1	-	-	0.17 1	0.24 1	0.68 1	0.94 1	0.78 1	-	1.1 1	0.27 1	16 1	0.97 1	0.78 1	0.043 1	0.43 1	0.039 U	1
Fluorene	86-73-7	30	100[c]	0.032 U	-	-	0.02 U	0.017 U	0.13 1	0.018 U	0.044 1	-	0.15 1	0.018 U	0.54 1	0.018 U	0.018 U	0.0119 U	0.017 U	0.018 U	0.017 U
Hexachlorobenzene	118-74-1	0.33[c]	1.2	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.0236 U	0.021 U	0.022 U	0.021 U
Hexachlorobutadiene	87-68-3	NS	NS	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.0236 U	0.021 U	0.022 U	0.021 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.11 U	-	-	0.065 U	0.052 U	0.055 U	0.055 U	0.062 U	-	0.055 U	0.054 U	0.053 U	0.054 U	0.062 U	0.059 U	0.053 U	0.056 U	0.054 U
Hexachloroethane	67-72-1	NS	NS	0.038 U	-	-	0.023 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.0209 U	0.019 U	0.02 U	0.019 U
Hexachlorophene	70-30-4	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloropropene	1888-71-7	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)Pyrene	193-39-5	0.5[c]	0.5[c]	0.036 U	-	-	0.019 1	0.23 1	0.4 1	0.6 1	0.54 1	-	0.65 1	0.16 1	6.9 1	0.57 1	0.53 1	0.043 1	0.24 1	0.039 U	1
Isophorone	78-59-1	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.0209 U	0.019 U	0.02 U	0.019 U
Naphthalene	91-20-3	12[c]	100[c]	0.031 U	-	-	0.021 U	0.017 U	0.017 U	0.018 U	0.021 U	-	0.018 U	0.018 U	0.018 U	0.018 U	0.021 U	0.0196 U	0.017 U	0.018 U	0.018 U
Nitrobenzene	98-95-3	NS	1[c]	0.038 U	-	-	0.023 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.0209 U	0.019 U	0.02 U	0.019 U
N-Nitrosodimethylamine	62-75-9	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.038 U	-	-	0.023 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.0209 U	0.019 U	0.02 U	0.019 U
N-Nitrosodiphenylamine(NDPA)/DPA	86-30-6	NS	NS	0.036 U	-	-	0.021 U	0.018 U	0.019 U	0.019 U	0.022 U	-	0.019 U	0.019 U	0.019 U	0.019 U	0.022 U	0.0209 U	0.019 U	0.02 U	0.019 U
Pentachlorophenol	87-86-5	0.8[c]	6.7	0.05 U	-	-	0.031 U	0.026 U	0.027 U	0.027 U	0.031 U	-	0.027 U	0.027 U	0.027 U	0.027 U	0.031 U	0.0297 U	0.027 U	0.028 U	0.027 U
Phenanthrene	85-01-8	100[c]	100[c]	0.13 1	-	-	0.084 1	0.11 1	0.34 1	0.44 1	0.34 1	-	0.6 1	0.11 1	7.8 1	0.57 1	0.3 1	0.0196 U	0.2 1	0.039 U	1
Phenol	108-95-2	0.33[c]	100[c]	0.038 U	-	-	0.023 U	0.02 U	0.021 U	0.021 U	0.024 U	-	0.021 U	0.021 U	0.021 U	0.021 U	0.024 U	0.0236 U	0.021 U	0.022 U	0.021 U
Pyrene	129-00-0	100[c]	100[c]	0.23 1	-	-	0.17 1	0.25 1	1	0.91 1	0.73 1	-	1	0.29 1	16 1	0.92 1	1.6 1	0.05 1	0.43 1	0.039 U	1
Pyridine	110-86-1	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Target Analyte List - Metals (TAL) - EPA 6010																					
Aluminum, Total	7429-90-5	NS	NS	-	-	-	-	10700	4,800	16700	6,900	-	7,460	13,400	6,230	-	6,690	9,720	11,600	-	-
Antimony, Total	7440-36-0	NS	NS	-	-	-	-	0.322 U	0.303	1.41	0.3	-	1.49	0.513 U	1.14 1	-	4.29	5.26	0.332 U	-	-
Arsenic, Total	7440-38-2	13	16	6.9	2.1 1	559	1.68	4.7	3.94	4.92	6.3	401	11.2	1.48	7.84	-	7.09	1.27	2.38	-	-
Barium, Total	7440-39-3	350[c]	400	44.2	-	-	66.6	86.7	83.4	193	170	-	137	89.4	111	-	160	7.47	110	-	-
Beryllium, Total	7440-41-7	7.2	72	-	-	-	-	0.579	0.261	0.418	0.373	1	0.35	0.513	0.238	1	0.32	0.505	0.539	-	-
Cadmium, Total	7440-43-9	2.5	4.3	-	-	-	-	0.083 U	0.303 U	0.837	0.345	-	0.912	0.691	0.536	1	0.818	0.505	0.443 U	-	-
Calcium, Total	7440-70-2	NS	NS	-	-	-	-	1,010	14,100	6,600	6,190	-	11,400	3,700	12,700	-	5,490	11,300	2,490	-	-
Chromium, Total	7440-47-3	30[c]	180[c]	-	-	-	-	19.3	13.4	36.9	49.3	-	23.4	26.3	16.8	-	13.3	153	21.9	-	-
Cobalt, Total	7440-48-4	NS	NS	-	-	-	-	5.65	3.01	9.66	7.23	-	7.1	11.5	8.05	-	6.76	7.38	13.1	-	-
Copper, Total	7440-50-8	50	270	6.78	16.100	10.1	21.8	30.9	44.6	81.7	110	-	116	30.1	110	-	1.87	174	13.0	-	-
Iron, Total	7439-89-6	NS	NS	-	-	-	-	19,100	12,200	19,900	20,100	-	21,900	19,900	26,100	-	16,200	11,000	18,100	-	-
Lead, Total	7439-92-1	63[c]	400	5.130	900	11.9	12.7	33.9	196	132	1,260	11.8	196	32.7	146	-	196	9.57	64.2	-	-
Magnesium, Total	7439-95-4	NS	NS	-	-	-	-	4,760	3,710	5,860	4,200	-	4,200	5,010	7,440	-	4,430	6,450	5,430	-	-
Manganese, Total	7439-96-5	1,600[c]	2,000[c]	-	-	-	-	191	269	234	236	-	318	747	276	-	279	253	211	-	-
Nickel, Total	7440-02-0	30	310	-	-	-	-	17.5	13.1	31.4	43.1	-	23.9	8.31	26.1	-	13.7	141	23.2	-	-
Potassium, Total	7440-09-7	NS	NS	-	-	-	-	4,310	1,840	3,210	1,280	-	2,490	5,110	1,940	-	1,130	2,510	5,530	-	-
Selenium, Total	7782-49-2	3.9[c]	180	-	-	-	-	0.719	0.261	0.418	1.77	1	0.35	0.513	0.238	1	0.32	0.505	0.539	-	-
Silver, Total	7440-22-4	2	180	-	-	-	-	0.24	0.261	0.247	0.482	1	0.312	0.234	0.238	1	0.24	0.253	0.238	1	-
Sodium, Total	7440-23-5	NS	NS	-	-	-	-	129	301	170	339	-	198	249	320	-	130	895	148	-	-
Thallium, Total	7440-28-0	NS	NS	-	-	-	-	0.367 U	0.389 U	0.374 U	0.303 U	-	0.377 U	0.513 U	0.356 U	-	0.249 U	0.386 U	0.356 U	-	-
Vanadium, Total	7440-62-2	NS	NS	-	-	-	-	31.0	17.4	45.1	62.2	-	30.5	31.4	24.9	-	19.5	12.8	34.8	-	-
Zinc, Total	7440-66-6	109[c]	10,000[c]	-	-	-	-	48	30.5	171	1,260	-	166	69.3	219	-	116	491	95.1	-	-
Pesticides/PCBs - Polychlorinated Biphenyls (PCBs) - EPA 8082																					
Aroclor, Total	7439-97-6	0.1[c]	10[c]	0.438	-	-	0.057 U	0.016	0.559	0.826	0.784	-	0.924	0.045 U	0.143	-	0.741	0.247	0.496 U	-	-
Organochlorine Pesticides (OCPs) - EPA 8081																					
4,4'-DDD	72-54-8	0.0033[c]	13	0.00173 U	-	-	0.00102 U	0.00115	-	-	-	-	0.00178	-	-	-	0.00121	-	-	-	-
4,4'-DDE	72-55-9	0.0033[c]	8.9	0.00173 U	-	-	0.00102 U	0.00158	-	-	-	-	0.00114	-	-	-	0.00123	-	-	-	-
4,4'-DDT	50-29-3	0.0033[c]	7.9	0.00173 U	-	-	0.00114 U	0.00158	-	-	-	-	0.00143	-	-	-	0.00178	0.0	-	-	-
Aldrin	309-00-2	0.005[c]	0.097	0.00173 U	-	-	0.00102 U	0.00158 U	-	-	-	-	0.00143 U	-	-	-	0.00176 U	-	-	-	-
Alpha-BHC	319-84-6	0.02	0.48

Table 3
Groundwater Analytical Summary Tables for Volatile Organic Compounds

Client Sample ID: Sampling Date: Laboratory ID:	CAS No.	NYS AWQS & GVs June 1998 [1]	MW003 5/10/2019 19E0591-33		DUPE003 5/10/2019 19E0591-37		MW004 5/10/2019 19E0591-34	
Method: 8260 C - Volatile Organic Compounds - (µg/L)								
1,1,1,2-Tetrachloroethane	630-20-6	5*	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	71-55-6	5*	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	79-34-5	5*	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	5*	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	79-00-5	1	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	75-34-3	5*	0.200	U	0.200	U	0.200	U
1,1-Dichloroethene	75-35-4	5*	0.200	U	0.200	U	0.200	U
1,1-Dichloropropylene	563-58-6	5*	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	87-61-6	5*	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	96-18-4	0.04	0.200	U	0.200	U	0.200	U
1,2,4-Trichlorobenzene	120-82-1	5*	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	95-63-6	5*	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.200	U	0.200	U	0.200	U
1,2-Dibromoethane	106-93-4	0.0006	0.200	U	0.200	U	0.200	U
1,2-Dichlorobenzene	95-50-1	3**	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	107-06-2	0.6	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	78-87-5	1	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	108-67-8	5*	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	541-73-1	3**	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	142-28-9	5*	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	106-46-7	3**	0.200	U	0.200	U	0.200	U
1,4-Dioxane	123-91-1	NS	40.0	U	40.0	U	40.0	U
2,2-Dichloropropane	594-20-7	5*	0.200	U	0.200	U	0.200	U
2-Butanone	78-93-3	50	0.200	U	0.200	U	0.200	U
2-Chlorotoluene	95-49-8	5*	0.200	U	0.200	U	0.200	U
2-Hexanone	591-78-6	50	0.200	U	0.200	U	0.200	U
4-Chlorotoluene	106-43-4	5*	0.200	U	0.200	U	0.200	U
4-Methyl-2-pentanone	108-10-1	NS	0.200	U	0.200	U	0.200	U
Acetone	67-64-1	50	1.00	U	1.000	U	1.80	J
Acrolein	107-02-8	5*	0.200	U	0.200	U	0.200	U
Acrylonitrile	107-13-1	5*	0.200	U	0.200	U	0.200	U
Benzene	71-43-2	1	0.200	U	0.200	U	0.200	U
Bromobenzene	108-86-1	5*	0.200	U	0.200	U	0.200	U
Bromochloromethane	74-97-5	5*	0.200	U	0.200	U	0.200	U
Bromodichloromethane	75-27-4	50	0.200	U	0.200	U	0.200	U
Bromoform	75-25-2	50	0.200	U	0.200	U	0.200	U
Bromomethane	74-83-9	5*	0.200	U	0.200	U	0.200	U
Carbon Disulfide	75-15-0	60	0.200	U	0.200	U	0.450	J
Carbon Tetrachloride	56-23-5	5	0.200	U	0.200	U	0.200	U
Chlorobenzene	108-90-7	5*	0.200	U	0.200	U	0.200	U
Chloroethane	75-00-3	5*	0.200	U	0.200	U	0.200	U
Chloroform	67-66-3	7	0.200	U	0.200	U	0.200	U
Chloromethane	74-87-3	5*	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	156-59-2	5*	0.200	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	10061-01-5	0.4***	0.200	U	0.200	U	0.200	U
Cyclohexane	110-82-7	NS	0.200	U	0.200	U	0.200	U
Dibromochloromethane	124-48-1	50	0.200	U	0.200	U	0.200	U
Dibromomethane	74-95-3	5*	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	75-71-8	5*	0.200	U	0.200	U	0.200	U
Ethyl Benzene	100-41-4	5*	0.200	U	0.200	U	0.200	U
Hexachlorobutadiene	87-68-3	0.5	0.200	U	0.200	U	0.200	U
Isopropylbenzene	98-82-8	5*	0.200	U	0.200	U	10.6	
Methyl acetate	79-20-9	NS	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	0.200	U	0.200	U	0.200	U
Methylcyclohexane	108-87-2	NS	0.200	U	0.200	U	0.260	J
Methylene chloride	75-09-2	5*	1.00	U	1.000	U	1.00	U
n-Butylbenzene	104-51-8	5*	0.200	U	0.200	U	1.64	
N-Propylbenzene	103-65-1	5*	0.200	U	0.200	U	16.4	
o-Xylene	95-47-6	5*	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	179601-23-1	5*	0.500	U	0.500	U	0.500	U
p-Isopropyltoluene	99-87-6	5*	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	135-98-8	5*	0.200	U	0.200	U	5.96	
Styrene	100-42-5	5*	0.200	U	0.200	U	0.200	U
tert-Butyl alcohol (TBA)	75-65-0	NS	0.200	U	0.500	U	0.200	U
tert-Butylbenzene	98-06-6	5*	0.200	U	0.200	U	1.91	
Tetrachloroethene	127-18-4	5*	0.200	U	0.200	U	0.200	U
Toluene	108-88-3	5*	0.200	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	156-60-5	5*	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	10061-02-6	0.4***	0.200	U	0.200	U	0.200	U
Trichloroethene	79-01-6	5*	0.200	U	0.200	U	0.200	U
Trichlorofluoromethane	75-69-4	5*	0.200	U	0.200	U	0.200	U
Vinyl acetate	108-05-4	NS	0.200	U	0.200	U	0.200	U
Vinyl Chloride	75-01-4	2	0.200	U	0.200	U	0.200	U
Xylenes, Tital	1330-20-7	5*	0.600	U	0.600	U	0.600	U

Notes:
(1) NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) - Ambient Water Quality Standards and Guidance Values - GA Water Class, Type H(WS) - Source of Drinking Water (Groundwater)
* The principal organic contaminant standard for groundwater of 5µg/L applies to this substance.
** - Applies to the sum of 1,2-, 1,3- and 1,4-xylene
*** - Applies to the sum of cis- and trans-1,3-dichloropropylene.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.
Highlighted text denotes concentrations exceeding NYSDEC AWQS or GV for GA Water Class, Type H(WS)

Table 4
Groundwater Analytical Summary Tables for Semivolatile Organic Compounds

Client Sample ID: Sampling Date: Laboratory ID:	CAS No.	NYS AWQS & GVs June 1998 [1]	MW003 5/10/2019 19E0591-33	DUPE003 5/10/2019 19E0591-37	MW004 5/10/2019 19E0591-34
Method: 8270 D - Semivolatile Organic Compounds - (µg/L)					
1,1-Biphenyl	92-52-4	5*	2.78 U	2.70 U	2.78 U
1,2,4,5-Tetrachlorobenzene	95-94-3	5*	2.78 U	2.70 U	2.78 U
1,2,4-Trichlorobenzene	120-82-1	5*	2.78 U	2.70 U	2.78 U
1,2-Dichlorobenzene	95-50-1	3	2.78 U	2.70 U	2.78 U
1,2-Diphenylhydrazine	122-66-7	ND	2.78 U	2.70 U	2.78 U
1,3-Dichlorobenzene	541-73-1	3	2.78 U	2.70 U	2.78 U
1,4-Dichlorobenzene	106-46-7	3	2.78 U	2.70 U	2.78 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	2.78 U	2.70 U	2.78 U
2,4,5-Trichlorophenol	95-95-4	NS	2.78 U	2.70 U	2.78 U
2,4,6-Trichlorophenol	88-06-2	NS	2.78 U	2.70 U	2.78 U
2,4-Dichlorophenol	120-83-2	5*	2.78 U	2.70 U	2.78 U
2,4-Dimethylphenol	105-67-9	50	2.78 U	2.70 U	2.78 U
2,4-Dinitrophenol	51-28-5	10	2.78 U	2.70 U	2.78 U
2,4-Dinitrotoluene	121-14-2	5*	2.78 U	2.70 U	2.78 U
2,6-Dinitrotoluene	606-20-2	5*	2.78 U	2.70 U	2.78 U
2-Chloronaphthalene	91-58-7	10	2.78 U	2.70 U	2.78 U
2-Chlorophenol	95-57-8	NS	2.78 U	2.70 U	2.78 U
2-Methylnaphthalene	91-57-6	NS	2.78 U	2.70 U	2.78 U
2-Methylphenol	95-48-7	NS	2.78 U	2.70 U	2.78 U
2-Nitroaniline	88-74-4	5*	2.78 U	2.70 U	2.78 U
2-Nitrophenol	88-75-5	NS	2.78 U	2.70 U	2.78 U
3- & 4-Methylphenols	65794-96-9	NS	2.78 U	2.70 U	2.78 U
3,3-Dichlorobenzidine	91-94-1	5*	2.78 U	2.70 U	2.78 U
3-Nitroaniline	99-09-2	5*	2.78 U	2.70 U	2.78 U
4,6-Dinitro-2-methylphenol	534-52-1	NS	2.78 U	2.70 U	2.78 U
4-Bromophenyl phenyl ether	101-55-3	NS	2.78 U	2.70 U	2.78 U
4-Chloro-3-methylphenol	59-50-7	NS	2.78 U	2.70 U	2.78 U
4-Chloroaniline	106-47-8	5*	2.78 U	2.70 U	2.78 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	2.78 U	2.70 U	2.78 U
4-Nitroaniline	100-01-6	5*	2.78 U	2.70 U	2.78 U
4-Nitrophenol	100-02-7	NS	5.56 U	5.41 U	5.56 U
Acenaphthene	83-32-9	20	0.0556 U	0.0541 U	0.0556 U
Acenaphthylene	208-96-8	NS	0.0556 U	0.0541 U	0.0556 U
Acetophenone	98-86-2	NS	2.78 U	2.70 U	2.78 U
Aniline	62-53-3	5*	2.78 U	2.70 U	2.78 U
Anthracene	120-12-7	50	0.0556 U	0.0541 U	0.0889
Atrazine	1912-24-9	7.5	0.556 U	0.541 U	0.556 U
Benzaldehyde	100-52-7	NS	2.78 U	2.70 U	2.78 U
Benzidine	92-87-5	5*	5.56 U	5.41 U	5.56 U
Benzoic acid	65-85-0	NS	27.8 U	27.0 U	27.8 U
Benzyl alcohol	100-51-6	NS	2.78 U	2.70 U	2.78 U
Benzo(a)anthracene	56-55-3	0.002	0.100	0.0541 U	0.0556 U
Benzo(a)pyrene	50-32-8	ND	0.122	0.0541 U	0.0556 U
Benzo(b)fluoranthene	205-99-2	0.002	0.122	0.0541 U	0.0556 U
Benzo(ghi)perylene	191-24-2	NS	0.100	0.0541 U	0.0556 U
Benzo(k)fluoranthene	207-08-9	0.002	0.0889	0.0541 U	0.0556 U
Benzyl butyl phthalate	85-68-7	50	2.78 U	2.70 U	2.78 U
Bis(2-chloroethoxy)methane	111-91-1	5*	2.78 U	2.70 U	2.78 U
Bis(2-chloroethyl)ether	111-44-4	1.0	1.11 U	1.08 U	1.11 U
Bis(2-ethylhexyl)phthalate	117-81-7	5	0.556 U	0.541 U	0.556 U
Bis(2-chloroisopropyl)ether	108-60-1	5*	2.78 U	2.70 U	2.78 U
Caprolactam	105-60-2	NS	2.78 U	2.70 U	2.78 U
Carbazole	86-74-8	NS	2.78 U	2.70 U	2.78 U
Chrysene	218-01-9	0.002	0.0778	0.0541 U	0.0556 U
Dibenzo(a,h)anthracene	53-70-3	NS	0.0556	0.0541 U	0.0556 U
Dibenzofuran	132-64-9	NS	2.78 U	2.70 U	2.78 U
Diethyl phthalate	84-66-2	50	2.78 U	2.70 U	2.78 U
Dimethyl phthalate	131-11-3	50	2.78 U	2.70 U	2.78 U
Di-n-butyl phthalate	84-74-2	50	2.78 U	2.70 U	2.78 U
Di-n-octyl phthalate	117-84-0	50	2.78 U	2.70 U	2.78 U
Fluoranthene	206-44-0	50	0.167	0.0541 U	0.0778
Fluorene	86-73-7	50	0.0556 U	0.0541 U	0.0778
Hexachlorobenzene	118-74-1	0.04	0.0222 U	0.0216 U	0.0222 U
Hexachlorobutadiene	87-68-3	0.5	0.556 U	0.541 U	0.556 U
Hexachlorocyclopentadiene	77-47-4	5*	5.56 U	5.41 U	5.56 U
Hexachloroethane	67-72-1	5*	0.556 U	0.541 U	0.556 U
Indeno(1,2,3-cd)Pyrene	193-39-5	0.002	0.0778	0.0541 U	0.0556 U
Isophorone	78-59-1	50	2.78 U	2.70 U	2.78 U
Naphthalene	91-20-3	10	0.0556 U	0.0541 U	0.811
Nitrobenzene	98-95-3	0.4	0.278 U	0.270 U	0.278 U
N-nitrosodi-n-propylamine	621-64-7	NS	2.78 U	2.70 U	2.78 U
N-Nitrosodiphenylamine	86-30-6	50	2.78 U	2.70 U	2.78 U
N-Nitrosodimethylamine	62-75-9	NS	0.556 U	0.541 U	0.556 U
Pentachlorophenol	87-86-5	1	0.278 U	0.270 U	0.278 U
Phenanthrene	85-01-8	50	0.122	0.0541 U	0.300
Phenol	108-95-2	1	2.78 U	2.70 U	4.72 J
Pyrene	129-00-0	50	0.144	0.0541 U	0.0778
Pyridine	110-86-1	50	2.78 U	2.70 U	2.78 U

Notes:
(1) NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) - Ambient Water Quality Standards and Guidance Values - GA Water Class, Type H(WS) - Source of Drinking Water (Groundwater)
* The principal organic contaminant standard for groundwater of 5µg/L applies to this substance.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U - Indicates the analyte was analyzed for but not detected.
Highlighted text denotes concentrations exceeding NYSDEC AWQS or GV for GA Water Class, Type H(WS)

Table 5
Groundwater Analytical Data Summary
Metals (Total and Dissolved)

Client Sample ID: Sampling Date: Laboratory ID:	CAS No.	NYS AWQS & GVs June 1998 (1)	MW003 5/10/2019 19E0591-33		DUPE003 5/10/2019 19E0591-37		MW004 5/10/2019 19E0591-34	
			Total	**Dissolved**	**Total**	**Dissolved**	**Total**	**Dissolved**
Method: 6010 D - Metals - (µg/L)								
Aluminum	7429-90-5	NS	536	55.6 U	492	72.8	17,800	82.2
Antimony	7440-36-0	3	1.38	11.1 U	1.34	11.1 U	1.25	11.1 U
Arsenic	7440-38-2	25	4.26	11.1 U	3.97	11.1 U	16.4	20.3
Barium	7440-39-3	1,000	39.5	34.6	40	35.0	271	93.7
Beryllium	7440-41-7	3	0.333 U	3.33 U	0.333 U	3.33 U	0.333 U	3.33 U
Cadmium	7440-43-9	5	0.556 U	5.56 U	0.556 U	5.56 U	2.31	5.56 U
Calcium	7440-70-2	NS	80,600	77,500	81,200	77,900	202,000	103,000
Chromium	7440-47-3	50	5.56 U	5.56 U	5.56 U	5.56 U	34.8	5.56 U
Cobalt	7440-48-4	NS	4.44 U	4.44 U	4.44 U	4.44 U	17	4.44 U
Copper	7440-50-8	200	22.2 U	22.2 U	22.2 U	22.2 U	398	22.2 U
Iron	7439-89-6	300	822	278 U	773	278 U	20,300	278 U
Lead	7439-92-1	25	5.56 U	5.56 U	5.56 U	5.56 U	203	5.56 U
Magnesium	7439-92-1	35,000	94,700	88,100	95,700	88,200	110,000	75,900
Manganese	7439-96-5	300	48.1	20.2	50	20.4	610	30.8
Nickel	7440-02-0	100	11.1 U	11.1 U	11.1 U	11.1 U	29.5	11.1 U
Potassium	7440-09-7	NS	33,700	31,200	34,200	31,300	80,900	70,600
Selenium	7782-49-2	10	32.4	11.1 U	27.5	11.1 U	56.4	12.7
Silver	7440-22-4	50	5.56 U	5.56 U	5.56 U	5.56 U	5.56 U	5.56 U
Sodium	7440-23-5	20,000	905,000	847,000	933,000	857,000	1,630,000	1,260,000
Thallium	7440-23-5	0.5	1.11 U	11.1 U	1.11 U	11.1 U	1.11 U	11.1 U
Vanadium	7440-62-2	NS	11.1 U	11.1 U	11.1 U	11.1 U	47.9	20.2
Zinc	7440-66-6	2,000	29.4	27.8 U	27.9	27.8 U	933	27.8 U
Method: 7473 - Mercury - (µg/L)								
Mercury	7439-97-6	0.7	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U

Notes:
(1) NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) - Ambient Water Quality Standards and Guidance Values - GA Water Class, Type H(WS) - Source of Drinking Water (Groundwater)
NS - No Standard
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Highlighted text denotes concentrations exceeding NYSDEC AWQS or GV for GA Water Class, Type H(WS)

Table 6
Groundwater Analytical Data Summary
Pesticides
EPA Method 8081 PCBs EPA Method 8082

Client Sample ID: Sampling Date: Laboratory ID:	CAS No.	NYS AWQS & GVs June 1998 (1)	MW003 5/10/2019 19E0591-33	DUPE003 5/10/2019 19E0591-37	MW004 5/10/2019 19E0591-34
Method: 8081 B - Pesticides - (µg/L)					
4,4'-DDD	72-54-8	0.3	0.00432 U	0.00444 U	0.00432 U
4,4'-DDE	72-55-9	0.2	0.00432 U	0.00444 U	0.00432 U
4,4'-DDT	50-29-3	0.2	0.00432 U	0.00444 U	0.00432 U
Aldrin	309-00-2	ND	0.00432 U	0.00444 U	0.00432 U
Alpha-BHC	319-84-6	0.01	0.00432 U	0.00444 U	0.00432 U
Alpha-Chlordane	5103-71-9	NS	0.00432 U	0.00444 U	0.00432 U
Beta-BHC	319-85-7	0.04	0.00432 U	0.00444 U	0.00432 U
Delta-BHC	319-86-8	0.04	0.00432 U	0.00444 U	0.00432 U
Dieldrin	60-57-1	0.004	0.00432 U	0.00222 U	0.00432 U
Endosulfan I	959-98-8	NS	0.00432 U	0.00444 U	0.00432 U
Endosulfan II	33213-65-9	NS	0.00432 U	0.00444 U	0.00432 U
Endosulfan sulfate	1031-07-8	NS	0.00432 U	0.00444 U	0.00432 U
Endrin	72-20-8	ND	0.00432 U	0.00444 U	0.00432 U
Endrin aldehyde	7421-93-4	5*	0.0108 U	0.0111 U	0.0108 U
Endrin ketone	53494-70-5	5*	0.0108 U	0.0111 U	0.0108 U
gamma-BHC (Lindane)	58-89-9	0.05	0.00432 U	0.00444 U	0.00432 U
gamma-Chlordane	5566-34-7	NS	0.0108 U	0.0111 U	0.0108 U
Heptachlor	76-44-8	0.04	0.00432 U	0.00444 U	0.00432 U
Heptachlor epoxide	1024-57-3	0.03	0.00432 U	0.00444 U	0.00432 U
Methoxychlor	72-43-5	35	0.00432 U	0.00444 U	0.00432 U
Toxaphene	8001-35-2	0.06	0.108 U	0.111 U	0.108 U
total Chlordane	57-74-9	0.05	0.216 U	0.222 U	0.216 U
Method: 8082 A - PCBs - (µg/L)					
Aroclor 1016	12674-11-2	0.09	0.0541 U	0.0556 U	0.0541 U
Aroclor 1221	11104-28-2	0.09	0.0541 U	0.0556 U	0.0541 U
Aroclor 1232	11141-16-5	0.09	0.0541 U	0.0556 U	0.0541 U
Aroclor 1242	53469-21-9	0.09	0.0541 U	0.0556 U	0.0541 U
Aroclor 1248	12672-29-6	0.09	0.0541 U	0.0556 U	0.0541 U
Aroclor 1254	11097-69-1	0.09	0.0541 U	0.0556 U	0.0541 U
Aroclor 1260	11096-82-5	0.09	0.0541 U	0.0556 U	0.0541 U

Notes:
(1) NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) - Ambient Water Quality Standards and Guidance Values - GA Water Class, Type H(WS) - Source of Drinking Water (Groundwater)
* The principal organic contaminant standard for groundwater of 5µg/L applies to this substance.
NS - No Standard
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit.
J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
Highlighted text denotes concentrations exceeding NYSDEC AWQS or GV for GA Water Class, Type H(WS)

Table 7

Soil-Vapor Sample Analytical Results - Volatile Organic Compounds

Client Sample ID: Laboratory ID: Sampling Date:	Cas No.	SV002 19E0578-02 5/10/2019	
Volatile Organic Compounds by TO-15 ug/m3			
1,1,1,2-Tetrachloroethane	630-20-6	2.1	U
1,1,1-Trichloroethane	71-55-6	1.7	U
1,1,2,2-Tetrachloroethane	79-34-5	2.1	U
1,1,2-Trichlorotrifluoroethane	76-13-1	2.4	U
1,1,2-Trichloroethane	79-00-5	1.7	U
1,1-Dichloroethane	75-34-3	1.3	U
1,1-Dichloroethene	75-35-4	0.31	U
1,2,4-Trichlorobenzene	120-82-1	2.3	U
1,2,4-Trimethylbenzene	95-63-6	1.5	U
1,2-Dibromoethane	106-93-4	2.4	U
1,2-Dichlorobenzene	95-50-1	1.9	U
1,2-Dichloroethane	107-06-2	1.3	U
1,2-Dichloropropane	78-87-5	1.4	U
1,2-Dichlorotetrafluoroethane	76-14-2	22	
1,3,5-Trimethylbenzene	108-67-8	1.5	U
1,3-Butadiene	106-99-0	2.1	U
1,3-Dichlorobenzene	541-73-1	1.9	U
1,3-Dichloropropane	142-28-9	1.4	U
1,4-Dichlorobenzene	106-46-7	1.9	U
1,4-Dioxane	123-91-1	2.2	U
2-Butanone	78-93-3	120	
2-Hexanone	591-78-6	16	
3-Chloropropene	107-05-1	4.9	U
4-Methyl-2-pentanone	108-10-1	1.3	U
Acetone	67-64-1	67	
Acrylonitrile	107-13-1	0.68	U
Benzene	71-43-2	5.3	
Benzyl Chloride	100-44-7	1.6	U
Bromodichloromethane	75-27-4	2.1	U
Bromoform	75-25-2	3.2	U
Bromomethane	74-83-9	1.2	U
Carbon disulfide	75-15-0	4.1	
Carbon tetrachloride	56-23-5	0.49	U
Chlorobenzene	108-90-7	1.4	U
Chloroethane	75-00-3	0.82	U
Chloroform	67-66-3	1.5	U
Chloromethane	74-87-3	0.64	U
cis-1,2-Dichloroethylene	156-59-2	0.31	U
cis-1,3-Dichloropropene	10061-01-5	1.4	U
Cyclohexane	110-82-7	1.5	
Dibromochloromethane	124-48-1	2.7	U
Dichlorodifluoromethane	75-71-8	2.6	
Ethyl acetate	141-78-6	2.2	U
Ethylbenzene	100-41-4	1.4	U
Hexachlorobutadiene	87-68-3	3.3	U
Isopropyl Alcohol	67-63-0	4.5	
Methyl methacrylate	80-62-6	1.3	U
Methyl Tert Butyl Ether	1634-04-4	1.1	U
Methylene chloride	75-09-2	2.2	U
n-Heptane	142-82-5	1.5	
n-Hexane	110-54-3	1.8	
o-Xylene	95-47-6	1.4	U
p-&m-Xylenes	179601-23-1	2.7	U
p-Ethyltoluene	622-96-8	1.7	
Propylene	115-07-1	11	
Styrene	100-42-5	1.3	U
Tetrachloroethene	127-18-4	12	
Tetrahydrofuran	109-99-9	5.8	
Toluene	108-88-3	4.5	
trans-1,2-Dichloroethylene	156-60-5	1.2	U
trans-1,3-Dichloropropene	10061-02-6	1.4	U
Trichloroethene	79-01-6	0.42	U
Trichlorofluoromethane	75-69-4	2.3	
Vinyl acetate	108-05-4	1.1	U
Vinyl bromide	593-60-2	1.4	U
Vinyl chloride	75-01-4	0.20	U

Notes:

Carbon tetrachloride - Refer to Matrix A of NYSDOH Guidance for Evaluating Soil Vapor Intrusion in

1,1,1-Trichloroethane - Refer to Matrix B of NYSDOH Guidance for Evaluating Soil Vapor Intrusion in

Vinyl Chloride - Refer to Matrix C of NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the Sta

U - Indicates the analyte was analyzed for but not detected.

PWGC
CLIENT DRIVEN SOLUTIONS

APPENDIX A
GEOPHYSICAL SURVEY

DELTA Geophysics Inc.

GEOPHYSICAL INVESTIGATION REPORT

SITE LOCATION:

355 and 399 Exterior Street
Bronx, New York

PREPARED FOR:

PW Grosser
630 Johnson Ave, Suite 7
Bohemia, New York

PREPARED BY:

Brian Halvorsen
Delta Geophysics Inc.
738 Front Street
Catasauqua, PA 18032

May 23rd, 2019

Delta Geophysics, Inc. (Delta) is pleased to provide the results of the geophysical survey conducted at 355 and 399 Exterior Street, Bronx, New York.

1.0 INTRODUCTION

On May 9th, 2019 Delta Geophysics personnel performed a limited geophysical investigation at 355 and 399 Exterior Street, Bronx, New York. The area of interest was all accessible areas of the properties around client proposed boring locations. The subject properties contained mostly unoccupied parking lots. Subsurface conditions were unknown at the time of survey. Surface conditions consisted of concrete and asphalt.

2.0 SCOPE OF WORK

The survey was conducted to clear client proposed boring locations and mark all detectable utilities around proposed boring locations.

3.0 METHODOLOGY

Selection of survey equipment is dependent site conditions and project objectives. For this project the technician utilized the following equipment to survey the area of concern:

- Geophysical Survey Systems Inc. SIR-3000 cart-mounted Ground Penetrating Radar (GPR) unit with a 400 Mhz antenna.
- Radiodetection RD7000 precision utility locator.
- Fisher M-Scope TW-6 pipe and cable locator.

Ground penetrating radar (commonly called GPR) is a geophysical method that has been developed over the past thirty years for shallow, high-resolution, subsurface investigations of the earth. GPR uses high frequency pulsed electromagnetic waves (generally 10 MHz to 1,000 MHz) to acquire subsurface information. Energy is propagated downward into the ground and is reflected back to the surface from boundaries at which there are electrical property contrasts. GPR is a method that is commonly used for environmental, engineering, archeological, and other shallow investigations.

The GSSI SIR-3000 GPR can accept a wide variety of antennas which provide various depths of penetration and levels of resolution. The 400 MHz antenna can achieve depths of penetration up to about 20 feet, but this depth may be greatly reduced due to site-specific conditions. Signal penetration decreases with increased soil conductivity. Conductive materials attenuate or absorb the GPR signal. As depth increases the return signal becomes weaker. Penetration is the greatest in unsaturated sands and fine gravels. Clayey, highly saline or saturated soils, areas covered by steel reinforced concrete, foundry slag, of other highly conductive materials significantly reduces GPR depth of penetration.

The GPR was configured to transmit to a depth of approximately 10 feet below the subsurface, but actual signal penetration was limited to approximately 1-3 feet below ground surface (bgs). The limiting factor was signal attenuation from near surface soils.

The RD7000 precision utility locator uses radio emission to trace the location of metal bearing utilities. This radio emission can be active or passive. Active tracing requires the attachment of a

radio transmitter to the utility, passive tracing uses radio emissions that are present on the utility. Underground electrical utilities typically emit radio signals that this device can detect.

The TW-6 is designed to find pipes, cables and other metallic objects such as underground storage tanks. One surveyor can carry both the transmitter and receiver together, making it ideally suited for exploration type searches of ferrous metal masses. Metal detectors of this type operate by generating a magnetic field at the transmitter which causes metallic objects in the subsurface to generate a secondary magnetic field. The induced secondary field is detected by the receiver, which generates an audible tone equal to the strength of the secondary field.

4.0 SURVEY FINDINGS

All accessible areas throughout the survey location around client proposed boring locations were examined during this investigation. The proposed boring locations were examined with the RD7000 for potential subsurface utilities then surveyed with GPR and TW-6 for other potential anomalies. Based on the data gathered all borings were cleared for sampling.

Utility Survey

Delta performed a utility survey around client proposed boring locations. The following utilities were identified: electric. All utilities were marked onsite with appropriate colors.

5.0 SURVEY LIMITATIONS

GPR depth of penetration was limited to approximately 1-3 feet bgs. The limiting factor was due to conductive soils and reinforced concrete. The parking lot of 355 Exterior Street consisted of reinforced concrete, limiting use of TW-6 and effectiveness of GPR imaging.

6.0 WARRANTIES AND DISCLAIMER

As with any geophysical method, it must be stressed that caution be used during any excavation or intrusive testing in proximity to any anomalies indicated in this report. In addition, the absence of detected signatures does not preclude the possibility that targets may exist. To the extent the client desires more definitive conclusions than are warranted by the currently available facts; it is specifically Delta's intent that the conclusions stated herein will be intended as guidance.

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based on the facts currently available within the limit or scope of work, budget and schedule. Delta represents that the services were performed in a manner consistent with currently accepted professional practices employed by geophysical/geological consultants under similar circumstances. No other representations to Client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, document, or otherwise.

This report was prepared pursuant to the contract Delta has with the Client. That contractual relationship included an exchange of information about the property that was unique and between Delta and its client and serves as the basis upon which this report was prepared. Because of the importance of the understandings between Delta and its client, reliance or any use of this report by anyone other than the Client, for whom it was prepared, is prohibited and therefore not foreseeable to Delta.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to Delta's contract with the Client. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

APPENDIX B
SOIL BORING LOGS

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB007	BORING DEPTH (FT): 15	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 05/10/2019	DATE FINISHED: 05/10/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 12:30	TIME FINISHED: 12:45
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–5			3	Brown, fine to medium SAND, some Gravel and Brick; dry and no odor.	0	0–8	
5–10			3.5	Brown, fine to medium SAND, some Gravel and Brick; wet and no odor.	0		
10–13			4	Grey, fine SAND; wet and no odor.	0	8–15	
13–15				Grey, CLAY; wet no odor.	0		

▼ Water Table Symbol (8 ft)

P.W. Grosser Consulting	End of Boring Depth (feet): 15	Water Table Symbol: ▼	Page 1 of 1

PROJECT #:	LST1802
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York
BORING ID:	SB008
WELL ID:	MW003
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	Macrocore

PWGC

BORING DEPTH (FT): 15	CORE LENGTH (FT): N/A
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DATE STARTED: 05/09/2019	DATE FINISHED: 05/09/2019
TIME STARTED: 13:30	TIME FINISHED: 13:45
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–1				Aspahlt	0		
1–5			3	Dark Brown, fine to medium SAND, some Gravel, little brick; moist no odor.	0		
5–7			3.5	Light Brown, fine SAND and SILT; wet and no odor.	0		
7–15			1	Dark Brown to Orange Brown, medium to coarse SAND and GRAVEL; wet no odor.	0		

▼ Water Table Symbol (DEPTH 7–8)

P.W. Grosser Consulting	End of Boring Depth (feet): 15	Water Table Symbol: ▼	Page 1 of 1

PROJECT #:	LST1802
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York
BORING ID:	SB009
WELL ID:	MW004
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	Macrocore

BORING DEPTH (FT): 15	CORE LENGTH (FT): N/A
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DATE STARTED: 05/09/2019	DATE FINISHED: 05/09/2019
TIME STARTED: 12:15	TIME FINISHED: 12:45
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–2			3	Aspahlt	
2–5				Dark Brown, fine to medium SAND, some Brick and little gravel; dry and no odor.	0
5–10			3	Dark Brown, fine to medium SAND, some Brick and little gravel; dry and petroleum odor.	80.1
10–13			4	Dark Grey, medium to coarse SAND, some Gravel; wet and petroleum odor.	131.2
13–15				Dark Grey, CLAY; wet and no odor.	10.2

DEPTH (feet): 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB009_E	BORING DEPTH (FT): 15	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 05/09/2019	DATE FINISHED: 05/09/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 14:20	TIME FINISHED: 14:35
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–2			4	Aspahlt	0	0–2	
3–7			4	Dark Brown, fine to medium SAND, some Brick and little gravel; dry and no odor.	0	3–7	
8–9				Dark Brown, fine to medium SAND, some Brick and little gravel; dry and petroleum odor.	72.1	8–9	
10–12			4	Dark Grey, medium to coarse SAND, some Gravel; wet and slight petroleum odor.	0	10–12	
13–15				Dark Grey, CLAY; wet and no odor.	0	13–15	

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB009_N	BORING DEPTH (FT): 15	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 05/09/2019	DATE FINISHED: 05/09/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 13:35	TIME FINISHED: 13:45
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–2			3	Aspahlt	0	0–2	
2–10			4	Dark Brown, fine to medium SAND, some Brick and little gravel; dry and no odor.	0 0	2–10	
10–13			2.5	Dark Grey, medium to coarse SAND, some Gravel; wet and no odor.	0	10–13	
13–15				Dark Grey, CLAY; wet and no odor.	0	13–15	

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB009_W	BORING DEPTH (FT): 15	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 05/09/2019	DATE FINISHED: 05/09/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 13:50	TIME FINISHED: 14:00
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–2			3	Aspahlt	0		
2–5				Dark Brown, fine to medium SAND, some Brick and little gravel; dry and no odor.	0		
5–8			4				
8–9				Dark Brown, fine to medium SAND, some Brick and little gravel; dry and petroleum odor.	49.8		
9–10						▼ 9	
10–13			3	Dark Grey, medium to coarse SAND, some Gravel; wet and slight petroleum odor.	0		
13–15				Dark Grey, CLAY; wet and no odor.	0		

P.W. Grosser Consulting | End of Boring Depth (feet): 15 | Water Table Symbol: ▼ |

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB009_W2	BORING DEPTH (FT): 15	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 05/09/2019	DATE FINISHED: 05/09/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 14:05	TIME FINISHED: 14:15
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–2			2.5	Aspahlt	0	0–2	
3–10			4.5	Dark Brown, fine to medium SAND, some Brick and little gravel; dry and no odor.	0 / 0	3–10	
10–13			4	Dark Grey, medium to coarse SAND, some Gravel; wet and no odor.	0	10–13	
13–15				Dark Grey, CLAY; wet and no odor.	0	13–15	

P.W. Grosser Consulting | End of Boring Depth (feet): 15 | Water Table Symbol: ▼ | Page 1 of 1

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB010	BORING DEPTH (FT): 15	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 05/10/2019	DATE FINISHED: 05/10/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 13:00	TIME FINISHED: 13:30
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–4			2.5	Dark Brown to Dark Grey, fine to medium SAND, some Gravel, little brick; dry and no odor.	0
4–8			3	Dark Brown to Dark Grey, fine to medium SAND, some Gravel, little brick; wet and no odor.	0
8–10					
10–15			2.5	Dark Brown to Dark Grey, fine to medium SAND and some Gravel; wet and no odor.	0

DEPTH (feet): 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB016	BORING DEPTH (FT): 12	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 06/06/2019	DATE FINISHED: 06/06/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 13:00	TIME FINISHED: 13:30
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

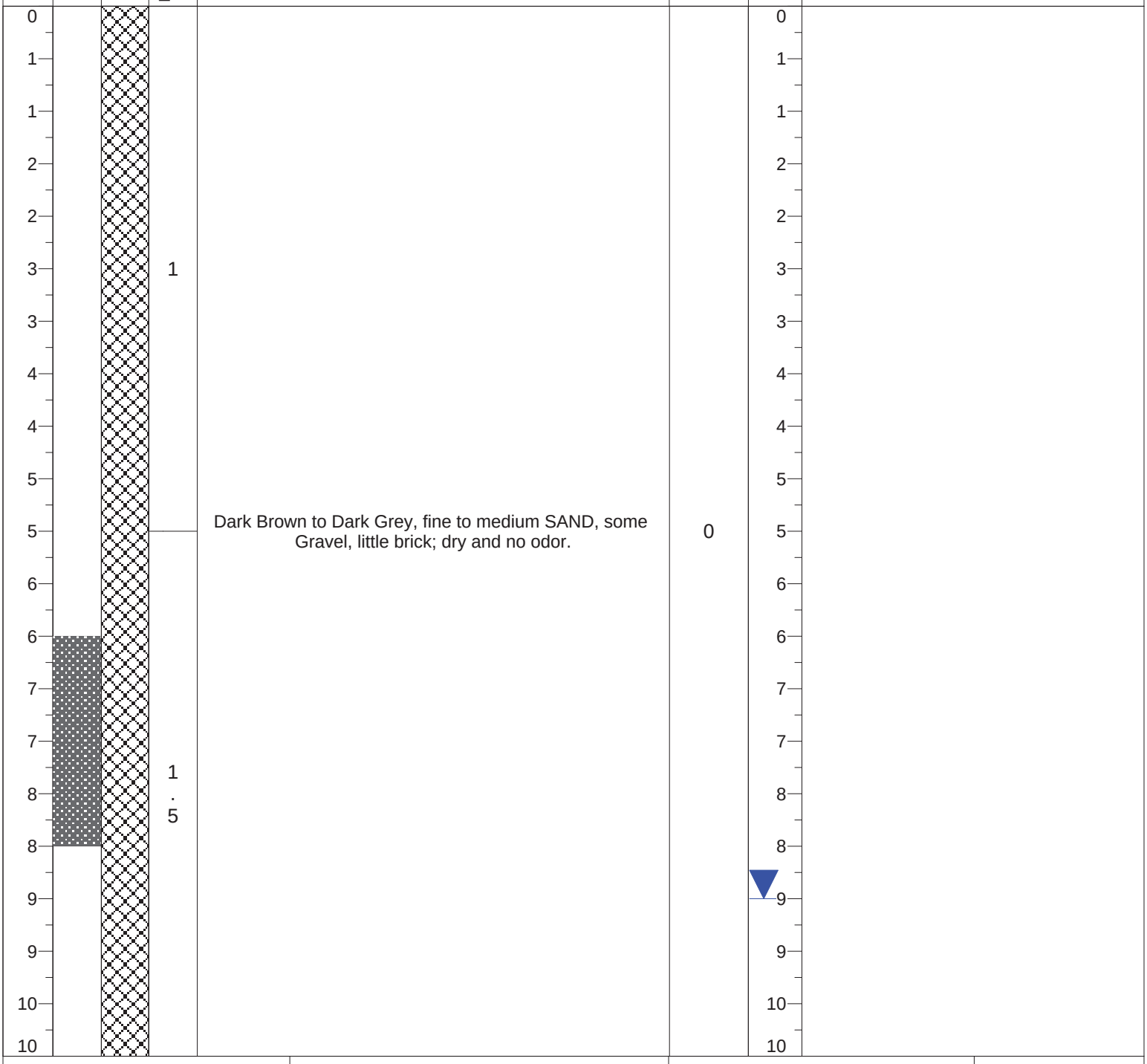
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–5			3	Brown, fine to medium SAND, some Gravel and Brick; dry and no odor.	0
5–8			4		
8–9				Dark Grey, fine SAND, some medium Sand; wet and petroleum odor.	2.6
9–10					
10–12			2	Grey, CLAY; wet and petroleum odor.	1.4

DEPTH (feet): 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB017	BORING DEPTH (FT): 10	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 06/06/2019	DATE FINISHED: 06/06/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 14:00	TIME FINISHED: 14:30
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Janelle Cooley

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–10	6–8		1	Dark Brown to Dark Grey, fine to medium SAND, some Gravel, little brick; dry and no odor.	0	0–10	
			1.5				

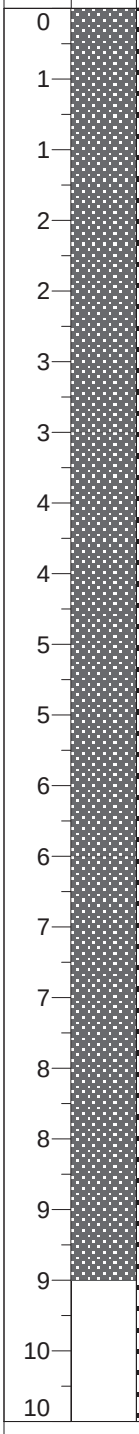


P.W. Grosser Consulting | End of Boring Depth (feet): 10 | Water Table Symbol: ▼ |

PROJECT #:	LST1802
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York
BORING ID:	SB018
WELL ID:	
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	Macrocore

BORING DEPTH (FT): 10	CORE LENGTH (FT): N/A
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DATE STARTED: 07/05/2019	DATE FINISHED: 07/05/2019
TIME STARTED: 09:00	TIME FINISHED: 09:45
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Dan Haug	LOGGED BY: Daniel Haug

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–5			4	Dark Brown, medium SAND, some Gravel, little brick; dry and no odor.	0	0–10	
5–10			4.5				



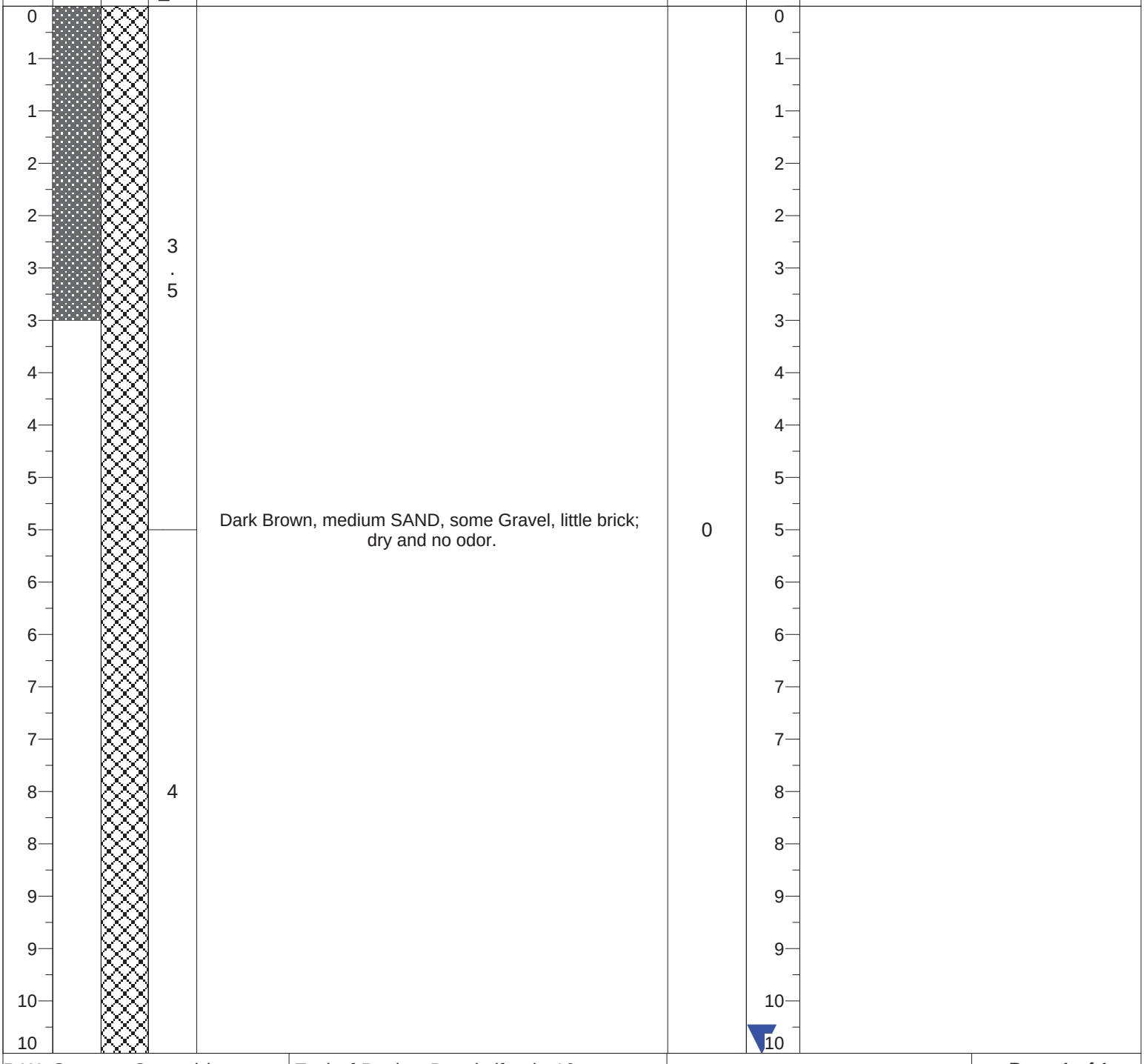
P.W. Grosser Consulting	End of Boring Depth (feet): 10	Water Table Symbol: ▼	Page 1 of 1

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB019	BORING DEPTH (FT): 10	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 07/05/2019	DATE FINISHED: 07/05/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 10:10	TIME FINISHED: 10:35
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Daniel Haug

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–5			3.5	Dark Brown, fine to medium SAND, some Gravel, some brick; dry and no odor.	0	0–5	
5–10			4	Dark Brown to Grey, fine to medium SAND, little Gravel, little brick; dry and no odor	0	5–10	

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB020	BORING DEPTH (FT): 10	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 07/05/2019	DATE FINISHED: 07/05/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 10:45	TIME FINISHED: 11:05
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Daniel Haug

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–10			3.5 / 4	Dark Brown, medium SAND, some Gravel, little brick; dry and no odor.	0	0–10	

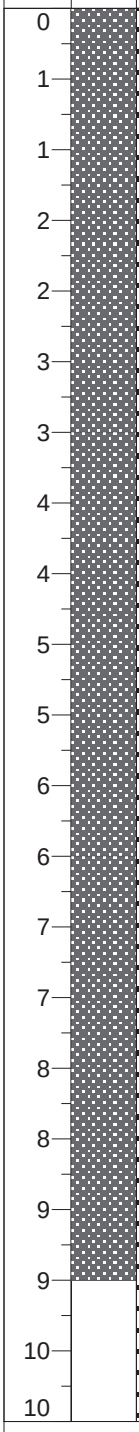


P.W. Grosser Consulting	End of Boring Depth (feet): 10	Water Table Symbol: ▼	Page 1 of 1

PROJECT #:	LST1802
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York
BORING ID:	SB021
WELL ID:	
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	Macrocore

BORING DEPTH (FT): 10	CORE LENGTH (FT): N/A
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DATE STARTED: 07/05/2019	DATE FINISHED: 07/05/2019
TIME STARTED: 11:20	TIME FINISHED: 12:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Dan Haug	LOGGED BY: Daniel Haug

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–5			4	Dark Brown, medium SAND, some Gravel, little brick; dry and no odor.	0	0–10	
5–10			3.5				



P.W. Grosser Consulting	End of Boring Depth (feet): 10	Water Table Symbol: ▼	Page 1 of 1

PROJECT #:	LST1802		
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York		
BORING ID:	SB022	BORING DEPTH (FT): 10	CORE LENGTH (FT): N/A
WELL ID:		BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.	DATE STARTED: 07/05/2019	DATE FINISHED: 07/05/2019
DRILLING METHOD:	Direct Push	TIME STARTED: 12:20	TIME FINISHED: 12:50
DRILLING EQUIPMENT:	Geoprobe 6610	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Dan Haug	LOGGED BY: Daniel Haug

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0–3			4	Dark Brown, medium SAND, some Gravel, little brick; dry and no odor.	0	0–4	
4–8			4	Dark Brown to Grey, fine to medium SAND, little Gravel, little brick; dry and no odor	0	4–10	

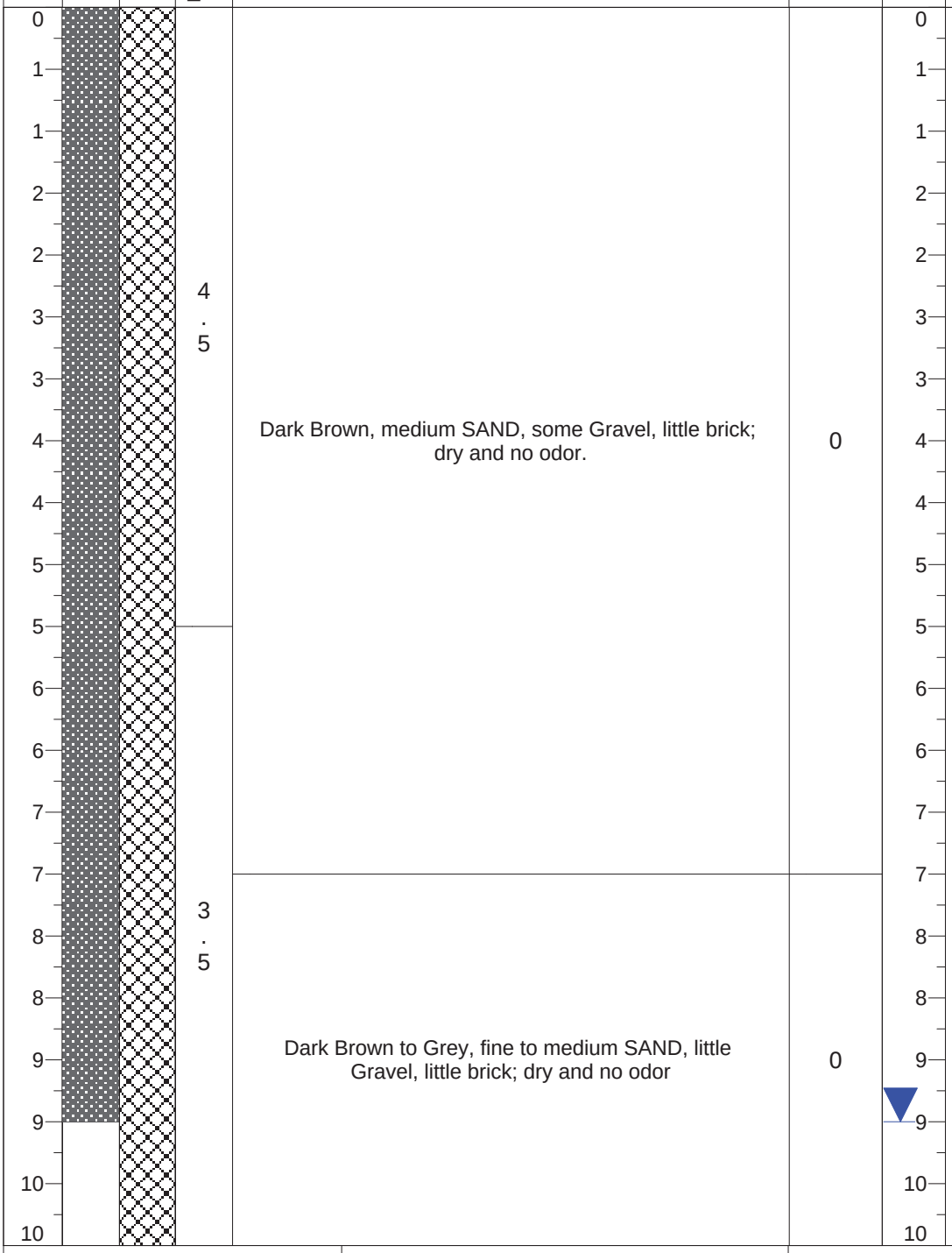
▼ 10

P.W. Grosser Consulting	End of Boring Depth (feet): 10	Water Table Symbol: ▼	Page 1 of 1

PROJECT #:	LST1802
SITE ADDRESS:	355-399 Exterior Street, Bronx, New York
BORING ID:	SB023
WELL ID:	
DRILLING CONTRACTOR:	Coastal Environmental Solutions, Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 6610
SAMPLING METHOD:	Macrocore

BORING DEPTH (FT): 10	CORE LENGTH (FT): N/A
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): 2
DATE STARTED: 07/05/2019	DATE FINISHED: 07/05/2019
TIME STARTED: 13:15	TIME FINISHED: 14:05
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Dan Haug	LOGGED BY: Daniel Haug

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0–5			4.5	Dark Brown, medium SAND, some Gravel, little brick; dry and no odor.	0
5–10			3.5	Dark Brown to Grey, fine to medium SAND, little Gravel, little brick; dry and no odor	0



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

P.W. Grosser Consulting	End of Boring Depth (feet): 10	Water Table Symbol: ▼	Page 1 of 1

APPENDIX C
LABORATORY ANALYTICAL REPORTS

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Daniel Haug

Report Date: 05/20/2019
Client Project ID: LST 1802
York Project (SDG) No.: 19E0578

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 05/20/2019
Client Project ID: LST 1802
York Project (SDG) No.: 19E0578

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Daniel Haug

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 14, 2019 and listed below. The project was identified as your project: **LST 1802**.

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

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

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

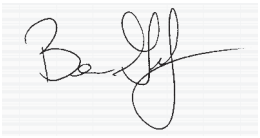
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
19E0578-01	SV001	Soil Vapor	05/10/2019	05/14/2019
19E0578-02	SV002	Soil Vapor	05/10/2019	05/14/2019

General Notes for York Project (SDG) No.: 19E0578

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

Approved By: 

Date: 05/20/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SV001 **York Sample ID:** 19E0578-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0578	LST 1802	Soil Vapor	May 10, 2019 12:00 am	05/14/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.607	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 19:46	AS
71-55-6	* 1,1,1-Trichloroethane	ND		ug/m³	0.88	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
79-34-5	* 1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
76-13-1	* 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
79-00-5	* 1,1,2-Trichloroethane	ND		ug/m³	0.88	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-34-3	* 1,1-Dichloroethane	ND		ug/m³	0.65	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-35-4	* 1,1-Dichloroethylene	ND		ug/m³	0.16	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
120-82-1	* 1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
95-63-6	* **1,2,4-Trimethylbenzene**	**12**		ug/m³	0.79	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
106-93-4	* 1,2-Dibromoethane	ND		ug/m³	1.2	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/m³	0.97	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
107-06-2	* **1,2-Dichloroethane**	**0.78**		ug/m³	0.65	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
78-87-5	* 1,2-Dichloropropane	ND		ug/m³	0.74	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
76-14-2	* 1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
108-67-8	* **1,3,5-Trimethylbenzene**	**3.2**		ug/m³	0.79	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
106-99-0	* 1,3-Butadiene	ND		ug/m³	1.1	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/m³	0.97	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.74	1.607	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 19:46	AS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/m³	0.97	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
123-91-1	* 1,4-Dioxane	ND		ug/m³	1.2	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
78-93-3	* **2-Butanone**	**12**		ug/m³	0.47	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.607	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 19:46	AS

Sample Information

Client Sample ID: SV001 **York Sample ID:** 19E0578-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0578	LST 1802	Soil Vapor	May 10, 2019 12:00 am	05/14/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	* 3-Chloropropene	ND		ug/m³	2.5	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
108-10-1	*** 4-Methyl-2-pentanone**	**18**		ug/m³	0.66	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
67-64-1	*** Acetone**	**96**		ug/m³	0.76	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
107-13-1	* Acrylonitrile	ND		ug/m³	0.35	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
71-43-2	*** Benzene**	**3.5**		ug/m³	0.51	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
100-44-7	* Benzyl chloride	ND		ug/m³	0.83	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-27-4	* Bromodichloromethane	ND		ug/m³	1.1	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-25-2	* Bromoform	ND		ug/m³	1.7	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
74-83-9	* Bromomethane	ND		ug/m³	0.62	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-15-0	* Carbon disulfide	ND		ug/m³	0.50	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
56-23-5	*** Carbon tetrachloride**	**0.71**		ug/m³	0.25	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
108-90-7	* Chlorobenzene	ND		ug/m³	0.74	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-00-3	* Chloroethane	ND		ug/m³	0.42	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
67-66-3	* Chloroform	ND		ug/m³	0.78	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
74-87-3	*** Chloromethane**	**2.0**		ug/m³	0.33	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
156-59-2	*** cis-1,2-Dichloroethylene**	**0.25**		ug/m³	0.16	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
10061-01-5	* cis-1,3-Dichloropropylene	ND		ug/m³	0.73	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
110-82-7	*** Cyclohexane**	**2.5**		ug/m³	0.55	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
124-48-1	* Dibromochloromethane	ND		ug/m³	1.4	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-71-8	*** Dichlorodifluoromethane**	**4.7**	TO-CCV, TO-LCS-H	ug/m³	0.79	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
141-78-6	*** Ethyl acetate**	**20**		ug/m³	1.2	1.607	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 19:46	AS
100-41-4	*** Ethyl Benzene**	**7.6**		ug/m³	0.70	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS

Sample Information

Client Sample ID: SV001 **York Sample ID:** 19E0578-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0578	LST 1802	Soil Vapor	May 10, 2019 12:00 am	05/14/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	* Hexachlorobutadiene	ND		ug/m³	1.7	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
67-63-0	*** Isopropanol**	**36**		ug/m³	0.79	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
80-62-6	* Methyl Methacrylate	ND		ug/m³	0.66	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.58	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-09-2	*** Methylene chloride**	**22**		ug/m³	1.1	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
142-82-5	*** n-Heptane**	**19**		ug/m³	0.66	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
110-54-3	*** n-Hexane**	**6.8**		ug/m³	0.57	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
95-47-6	*** o-Xylene**	**9.3**		ug/m³	0.70	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
179601-23-1	*** p- & m- Xylenes**	**30**		ug/m³	1.4	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
622-96-8	*** p-Ethyltoluene**	**9.7**		ug/m³	0.79	1.607	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 19:46	AS
115-07-1	*** Propylene**	**3.4**	TO-CCV, TO-LCS-H	ug/m³	0.28	1.607	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 19:46	AS
100-42-5	*** Styrene**	**2.1**		ug/m³	0.68	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
127-18-4	*** Tetrachloroethylene**	**5.6**		ug/m³	0.27	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.95	1.607	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 19:46	AS
108-88-3	*** Toluene**	**120**		ug/m³	0.61	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
156-60-5	* trans-1,2-Dichloroethylene	ND		ug/m³	0.64	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
10061-02-6	* trans-1,3-Dichloropropylene	ND		ug/m³	0.73	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
79-01-6	*** Trichloroethylene**	**0.43**		ug/m³	0.22	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-69-4	*** Trichlorofluoromethane (Freon 11)**	**2.0**		ug/m³	0.90	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
108-05-4	* Vinyl acetate	ND		ug/m³	0.57	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
593-60-2	* Vinyl bromide	ND		ug/m³	0.70	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS
75-01-4	* Vinyl Chloride	ND		ug/m³	0.10	1.607	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 19:46	AS

Sample Information

Client Sample ID: SV001 **York Sample ID:** 19E0578-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0578	LST 1802	Soil Vapor	May 10, 2019 12:00 am	05/14/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.3 %*		*70-130*						

Sample Information

Client Sample ID: SV002 **York Sample ID:** 19E0578-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0578	LST 1802	Soil Vapor	May 10, 2019 12:00 am	05/14/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.1	3.112	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 21:53	AS
71-55-6	* 1,1,1-Trichloroethane	ND		ug/m³	1.7	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
79-34-5	* 1,1,2,2-Tetrachloroethane	ND		ug/m³	2.1	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
76-13-1	* 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.4	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
79-00-5	* 1,1,2-Trichloroethane	ND		ug/m³	1.7	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
75-34-3	* 1,1-Dichloroethane	ND		ug/m³	1.3	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
75-35-4	* 1,1-Dichloroethylene	ND		ug/m³	0.31	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
120-82-1	* 1,2,4-Trichlorobenzene	ND		ug/m³	2.3	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
95-63-6	* 1,2,4-Trimethylbenzene	ND		ug/m³	1.5	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
106-93-4	* 1,2-Dibromoethane	ND		ug/m³	2.4	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
95-50-1	* 1,2-Dichlorobenzene	ND		ug/m³	1.9	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
107-06-2	* 1,2-Dichloroethane	ND		ug/m³	1.3	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
78-87-5	* 1,2-Dichloropropane	ND		ug/m³	1.4	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
76-14-2	*** 1,2-Dichlorotetrafluoroethane**	**22**		ug/m³	2.2	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS
108-67-8	* 1,3,5-Trimethylbenzene	ND		ug/m³	1.5	3.112	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	05/17/2019 09:00	05/17/2019 21:53	AS

Sample Information

Client Sample ID: SV002 **York Sample ID:** 19E0578-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0578	LST 1802	Soil Vapor	May 10, 2019 12:00 am	05/14/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-99-0	* 1,3-Butadiene	ND		ug/m³	2.1	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
541-73-1	* 1,3-Dichlorobenzene	ND		ug/m³	1.9	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.4	3.112	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 21:53	AS
106-46-7	* 1,4-Dichlorobenzene	ND		ug/m³	1.9	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
123-91-1	* 1,4-Dioxane	ND		ug/m³	2.2	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
78-93-3	* **2-Butanone**	**120**		ug/m³	0.92	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
591-78-6	* **2-Hexanone**	**16**		ug/m³	2.5	3.112	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 21:53	AS
107-05-1	* 3-Chloropropene	ND		ug/m³	4.9	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
108-10-1	* 4-Methyl-2-pentanone	ND		ug/m³	1.3	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
67-64-1	* **Acetone**	**67**		ug/m³	1.5	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
107-13-1	* Acrylonitrile	ND		ug/m³	0.68	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
71-43-2	* **Benzene**	**5.3**		ug/m³	0.99	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
100-44-7	* Benzyl chloride	ND		ug/m³	1.6	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
75-27-4	* Bromodichloromethane	ND		ug/m³	2.1	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
75-25-2	* Bromoform	ND		ug/m³	3.2	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
74-83-9	* Bromomethane	ND		ug/m³	1.2	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
75-15-0	* **Carbon disulfide**	**4.1**		ug/m³	0.97	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
56-23-5	* Carbon tetrachloride	ND		ug/m³	0.49	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
108-90-7	* Chlorobenzene	ND		ug/m³	1.4	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
75-00-3	* Chloroethane	ND		ug/m³	0.82	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
67-66-3	* Chloroform	ND		ug/m³	1.5	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
74-87-3	* Chloromethane	ND		ug/m³	0.64	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
156-59-2	* cis-1,2-Dichloroethylene	ND		ug/m³	0.31	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS

Sample Information

Client Sample ID: SV002 **York Sample ID:** 19E0578-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0578	LST 1802	Soil Vapor	May 10, 2019 12:00 am	05/14/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	* cis-1,3-Dichloropropylene	ND		ug/m³	1.4	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
110-82-7	* **Cyclohexane**	**1.5**		ug/m³	1.1	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
124-48-1	* Dibromochloromethane	ND		ug/m³	2.7	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
75-71-8	* **Dichlorodifluoromethane**	**2.6**	TO-CCV, TO-LCS-H	ug/m³	1.5	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
141-78-6	* Ethyl acetate	ND		ug/m³	2.2	3.112	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 21:53	AS
100-41-4	* Ethyl Benzene	ND		ug/m³	1.4	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
87-68-3	* Hexachlorobutadiene	ND		ug/m³	3.3	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
67-63-0	* **Isopropanol**	**4.5**		ug/m³	1.5	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
80-62-6	* Methyl Methacrylate	ND		ug/m³	1.3	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
1634-04-4	* Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.1	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
75-09-2	* Methylene chloride	ND		ug/m³	2.2	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
142-82-5	* **n-Heptane**	**1.5**		ug/m³	1.3	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
110-54-3	* **n-Hexane**	**1.8**		ug/m³	1.1	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
95-47-6	* o-Xylene	ND		ug/m³	1.4	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
179601-23-1	* p- & m- Xylenes	ND		ug/m³	2.7	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
622-96-8	* **p-Ethyltoluene**	**1.7**		ug/m³	1.5	3.112	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 21:53	AS
115-07-1	* **Propylene**	**11**	TO-CCV, TO-LCS-H	ug/m³	0.54	3.112	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 21:53	AS
100-42-5	* Styrene	ND		ug/m³	1.3	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
127-18-4	* **Tetrachloroethylene**	**12**		ug/m³	0.53	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS
109-99-9	* **Tetrahydrofuran**	**5.8**		ug/m³	1.8	3.112	EPA TO-15 Certifications:	05/17/2019 09:00	05/17/2019 21:53	AS
108-88-3	* **Toluene**	**4.5**		ug/m³	1.2	3.112	EPA TO-15 Certifications:	05/17/2019 09:00 NELAC-NY12058,NJDEP-Queens	05/17/2019 21:53	AS

Sample Information

Client Sample ID: SV002 **York Sample ID:** 19E0578-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0578	LST 1802	Soil Vapor	May 10, 2019 12:00 am	05/14/2019

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	* trans-1,2-Dichloroethylene	ND		ug/m³	1.2	3.112	EPA TO-15	05/17/2019 09:00	05/17/2019 21:53	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	* trans-1,3-Dichloropropylene	ND		ug/m³	1.4	3.112	EPA TO-15	05/17/2019 09:00	05/17/2019 21:53	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	* Trichloroethylene	ND		ug/m³	0.42	3.112	EPA TO-15	05/17/2019 09:00	05/17/2019 21:53	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	*** Trichlorofluoromethane (Freon 11)**	**2.3**		ug/m³	1.7	3.112	EPA TO-15	05/17/2019 09:00	05/17/2019 21:53	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	* Vinyl acetate	ND		ug/m³	1.1	3.112	EPA TO-15	05/17/2019 09:00	05/17/2019 21:53	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	* Vinyl bromide	ND		ug/m³	1.4	3.112	EPA TO-15	05/17/2019 09:00	05/17/2019 21:53	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	* Vinyl Chloride	ND		ug/m³	0.20	3.112	EPA TO-15	05/17/2019 09:00	05/17/2019 21:53	AS
							Certifications:	NELAC-NY12058,NJDEP-Queens		

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*88.3 %*	*70-130*

Analytical Batch Summary

Batch ID: BE90934 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
19E0578-01	SV001	05/17/19
19E0578-02	SV002	05/17/19
BE90934-BLK1	Blank	05/17/19
BE90934-BS1	LCS	05/17/19
BE90934-DUP1	Duplicate	05/17/19

Volatile Organic Compounds in Air 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 BE90934 - EPA TO15 PREP											
Blank (BE90934-BLK1)											Prepared & Analyzed: 05/17/2019
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								

Volatile Organic Compounds in Air 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 BE90934 - EPA TO15 PREP											
Blank (BE90934-BLK1)									Prepared & Analyzed: 05/17/2019		
n-Heptane	ND	0.41	ug/m³								
n-Hexane	ND	0.35	"								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.064	"								
Surrogate: SURR: p-Bromofluorobenzene	*8.47*		*ppbv*	*10.0*		*84.7*	*70-130*				
LCS (BE90934-BS1)									Prepared & Analyzed: 05/17/2019		
1,1,1,2-Tetrachloroethane	10.8		ppbv	10.0		108	70-130				
1,1,1-Trichloroethane	11.1		"	10.0		111	70-130				
1,1,2,2-Tetrachloroethane	11.9		"	10.0		119	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.5		"	10.0		105	70-130				
1,1,2-Trichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethylene	10.3		"	10.0		103	70-130				
1,2,4-Trichlorobenzene	7.93		"	10.0		79.3	70-130				
1,2,4-Trimethylbenzene	11.9		"	10.0		119	70-130				
1,2-Dibromoethane	11.0		"	10.0		110	70-130				
1,2-Dichlorobenzene	11.9		"	10.0		119	70-130				
1,2-Dichloroethane	10.1		"	10.0		101	70-130				
1,2-Dichloropropane	10.9		"	10.0		109	70-130				
1,2-Dichlorotetrafluoroethane	11.2		"	10.0		112	70-130				
1,3,5-Trimethylbenzene	11.6		"	10.0		116	70-130				
1,3-Butadiene	12.0		"	10.0		120	70-130				
1,3-Dichlorobenzene	11.7		"	10.0		117	70-130				
1,3-Dichloropropane	10.7		"	10.0		107	70-130				
1,4-Dichlorobenzene	12.0		"	10.0		120	70-130				
1,4-Dioxane	10.9		"	10.0		109	70-130				
2-Butanone	11.1		"	10.0		111	70-130				
2-Hexanone	12.0		"	10.0		120	70-130				
3-Chloropropene	11.5		"	10.0		115	70-130				
4-Methyl-2-pentanone	11.8		"	10.0		118	70-130				
Acetone	10.3		"	10.0		103	70-130				
Acrylonitrile	10.8		"	10.0		108	70-130				
Benzene	10.3		"	10.0		103	70-130				
Benzyl chloride	9.76		"	10.0		97.6	70-130				
Bromodichloromethane	11.0		"	10.0		110	70-130				
Bromoform	12.5		"	10.0		125	70-130				

Volatile Organic Compounds in Air 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 BE90934 - EPA TO15 PREP											
LCS (BE90934-BS1)								Prepared & Analyzed: 05/17/2019			
Bromomethane	11.6		ppbv	10.0		116	70-130				
Carbon disulfide	11.3		"	10.0		113	70-130				
Carbon tetrachloride	10.2		"	10.0		102	70-130				
Chlorobenzene	11.1		"	10.0		111	70-130				
Chloroethane	11.6		"	10.0		116	70-130				
Chloroform	10.8		"	10.0		108	70-130				
Chloromethane	8.23		"	10.0		82.3	70-130				
cis-1,2-Dichloroethylene	9.99		"	10.0		99.9	70-130				
cis-1,3-Dichloropropylene	12.0		"	10.0		120	70-130				
Cyclohexane	11.4		"	10.0		114	70-130				
Dibromochloromethane	10.9		"	10.0		109	70-130				
Dichlorodifluoromethane	15.6		"	10.0		156	70-130	High Bias			
Ethyl acetate	12.2		"	10.0		122	70-130				
Ethyl Benzene	11.5		"	10.0		115	70-130				
Hexachlorobutadiene	11.1		"	10.0		111	70-130				
Isopropanol	10.8		"	10.0		108	70-130				
Methyl Methacrylate	11.8		"	10.0		118	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	10.2		"	10.0		102	70-130				
n-Heptane	11.2		"	10.0		112	70-130				
n-Hexane	11.3		"	10.0		113	70-130				
o-Xylene	12.2		"	10.0		122	70-130				
p- & m- Xylenes	23.8		"	20.0		119	70-130				
p-Ethyltoluene	12.6		"	10.0		126	70-130				
Propylene	14.8		"	10.0		148	70-130	High Bias			
Styrene	12.4		"	10.0		124	70-130				
Tetrachloroethylene	10.2		"	10.0		102	70-130				
Tetrahydrofuran	11.3		"	10.0		113	70-130				
Toluene	10.7		"	10.0		107	70-130				
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130				
trans-1,3-Dichloropropylene	11.1		"	10.0		111	70-130				
Trichloroethylene	10.7		"	10.0		107	70-130				
Trichlorofluoromethane (Freon 11)	10.6		"	10.0		106	70-130				
Vinyl acetate	11.4		"	10.0		114	70-130				
Vinyl bromide	11.7		"	10.0		117	70-130				
Vinyl Chloride	11.1		"	10.0		111	70-130				
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*70-130*				

Volatile Organic Compounds in Air 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 BE90934 - EPA TO15 PREP											
Duplicate (BE90934-DUP1)	*Source sample: 19E0578-01 (SV001)								Prepared & Analyzed: 05/17/2019		
1,1,1,2-Tetrachloroethane	ND	1.1	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	0.88	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.1	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.2	"		ND					25	
1,1,2-Trichloroethane	ND	0.88	"		ND					25	
1,1-Dichloroethane	ND	0.65	"		ND					25	
1,1-Dichloroethylene	ND	0.16	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.2	"		ND					25	
1,2,4-Trimethylbenzene	11	0.79	"		12				6.67	25	
1,2-Dibromoethane	ND	1.2	"		ND					25	
1,2-Dichlorobenzene	ND	0.97	"		ND					25	
1,2-Dichloroethane	0.78	0.65	"		0.78				0.00	25	
1,2-Dichloropropane	ND	0.74	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.1	"		ND					25	
1,3,5-Trimethylbenzene	2.8	0.79	"		3.2				10.5	25	
1,3-Butadiene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	0.97	"		ND					25	
1,3-Dichloropropane	ND	0.74	"		ND					25	
1,4-Dichlorobenzene	ND	0.97	"		ND					25	
1,4-Dioxane	ND	1.2	"		ND					25	
2-Butanone	11	0.47	"		12				5.93	25	
2-Hexanone	ND	1.3	"		ND					25	
3-Chloropropene	ND	2.5	"		ND					25	
4-Methyl-2-pentanone	16	0.66	"		18				13.0	25	
Acetone	92	0.76	"		96				4.68	25	
Acrylonitrile	ND	0.35	"		ND					25	
Benzene	3.5	0.51	"		3.5				1.46	25	
Benzyl chloride	ND	0.83	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Bromoform	ND	1.7	"		ND					25	
Bromomethane	ND	0.62	"		ND					25	
Carbon disulfide	ND	0.50	"		ND					25	
Carbon tetrachloride	0.81	0.25	"		0.71				13.3	25	
Chlorobenzene	ND	0.74	"		ND					25	
Chloroethane	ND	0.42	"		ND					25	
Chloroform	ND	0.78	"		ND					25	
Chloromethane	1.8	0.33	"		2.0				14.0	25	
cis-1,2-Dichloroethylene	0.38	0.16	"		0.25				40.0	25	Non-dir.
cis-1,3-Dichloropropylene	ND	0.73	"		ND					25	
Cyclohexane	2.4	0.55	"		2.5				6.74	25	
Dibromochloromethane	ND	1.4	"		ND					25	
Dichlorodifluoromethane	4.8	0.79	"		4.7				1.68	25	
Ethyl acetate	19	1.2	"		20				6.59	25	
Ethyl Benzene	7.0	0.70	"		7.6				7.62	25	
Hexachlorobutadiene	ND	1.7	"		ND					25	
Isopropanol	34	0.79	"		36				4.88	25	
Methyl Methacrylate	ND	0.66	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.58	"		ND					25	
Methylene chloride	24	1.1	"		22				7.64	25	
n-Heptane	18	0.66	"		19				6.66	25	

Volatile Organic Compounds in Air 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 BE90934 - EPA TO15 PREP											
Duplicate (BE90934-DUP1)	*Source sample: 19E0578-01 (SV001)								Prepared & Analyzed: 05/17/2019		
n-Hexane	6.9	0.57	ug/m³		6.8				1.65	25	
o-Xylene	8.7	0.70	"		9.3				7.00	25	
p- & m- Xylenes	29	1.4	"		30				4.22	25	
p-Ethyltoluene	9.0	0.79	"		9.7				7.59	25	
Propylene	3.4	0.28	"		3.4				0.00	25	
Styrene	2.0	0.68	"		2.1				3.39	25	
Tetrachloroethylene	4.9	0.27	"		5.6				12.5	25	
Tetrahydrofuran	ND	0.95	"		ND					25	
Toluene	110	0.61	"		120				11.2	25	
trans-1,2-Dichloroethylene	ND	0.64	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.73	"		ND					25	
Trichloroethylene	0.35	0.22	"		0.43				22.2	25	
Trichlorofluoromethane (Freon 11)	2.1	0.90	"		2.0				4.44	25	
Vinyl acetate	ND	0.57	"		ND					25	
Vinyl bromide	ND	0.70	"		ND					25	
Vinyl Chloride	ND	0.10	"		ND					25	
Surrogate: SURR: p-Bromofluorobenzene	*9.69*		*ppbv*	*10.0*		*96.9*	*70-130*				

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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

Field Chain-of-Custody Record - AIR

YORK Project No. 19E0578

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.

Page ____ of ____

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Ave Bohemia NY 11716	Address:	Address:
Phone.: 631-589-6353	Phone.:	Phone.:
Contact: Dan Haug	Contact:	Contact:
E-mail: DHaug@pwgrosser.com	E-mail:	E-mail:

YOUR Project Number: LST1802

YOUR Project Name: LST 1802

YOUR PO#:

Turn-Around Time

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

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

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

Air Matrix Codes

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

Samples From

New York X
New Jersey
Connecticut
Pennsylvania X
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ X ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV001	5/10/15	~~23999~~ AS	-29.5	-5.0	23999	6876	TO-15
SV002	5/10/15	AS	-29.0	-4.0	15529	5416	TO-15

Comments: Proposal from 4/29/19

Detection Limits Required

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

Sampling Media

6 Liter Canister
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/13/19 1400	KBahnwork	5/13/19 1400	KBahnwork	5/14/19 810AM
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Queens Secured Room	5/14/19 810AM				
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				[illegible] work	5/14/19 9:35am

Technical Report

prepared for:

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Daniel Haug

Report Date: 05/30/2019
Client Project ID: LST 1802
York Project (SDG) No.: 19E0591

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

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

Report Date: 05/30/2019
Client Project ID: LST 1802
York Project (SDG) No.: 19E0591

P.W. Grosser Consulting
630 Johnson Avenue, Suite 7
Bohemia NY, 11716
Attention: Daniel Haug

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 13, 2019 and listed below. The project was identified as your project: **LST 1802**.

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

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

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

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

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

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
19E0591-01	SB001 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-02	SB001 (2-4)	Soil	05/10/2019	05/13/2019
19E0591-03	SB001 (4-6)	Soil	05/10/2019	05/13/2019
19E0591-04	SB002 (4-6)	Soil	05/10/2019	05/13/2019
19E0591-05	SB002 (6-8)	Soil	05/10/2019	05/13/2019
19E0591-06	SB002 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-07	SB003 (6-8)	Soil	05/10/2019	05/13/2019
19E0591-08	SB003 (10-12)	Soil	05/10/2019	05/13/2019
19E0591-09	SB003 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-10	SB004 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-11	SB004 (4-6)	Soil	05/10/2019	05/13/2019
19E0591-12	SB004 (2-4)	Soil	05/10/2019	05/13/2019
19E0591-13	SB005 (2-4)	Soil	05/10/2019	05/13/2019
19E0591-14	SB005 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-15	SB005 (8-10)	Soil	05/10/2019	05/13/2019
19E0591-16	SB006 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-17	SB006 (4-6)	Soil	05/10/2019	05/13/2019
19E0591-18	SB006 (6-8)	Soil	05/10/2019	05/13/2019
19E0591-19	SB007 (8-10)	Soil	05/10/2019	05/13/2019
19E0591-20	SB007 (12-14)	Soil	05/10/2019	05/13/2019
19E0591-21	SB007 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-22	SB008 (6-8)	Soil	05/10/2019	05/13/2019

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
19E0591-23	SB008 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-24	SB008 (4-6)	Soil	05/10/2019	05/13/2019
19E0591-25	SB009 (6-8)	Soil	05/10/2019	05/13/2019
19E0591-26	SB009 (2-4)	Soil	05/10/2019	05/13/2019
19E0591-27	SB009 (8-10)	Soil	05/10/2019	05/13/2019
19E0591-28	SB010 (0-2)	Soil	05/10/2019	05/13/2019
19E0591-29	SB010 (6-8)	Soil	05/10/2019	05/13/2019
19E0591-30	SB010 (2-4)	Soil	05/10/2019	05/13/2019
19E0591-31	MW001	Water	05/10/2019	05/13/2019
19E0591-32	MW002	Water	05/10/2019	05/13/2019
19E0591-33	MW003	Water	05/10/2019	05/13/2019
19E0591-34	MW004	Water	05/10/2019	05/13/2019
19E0591-35	DUPE001	Soil	05/10/2019	05/13/2019
19E0591-36	DUPE002	Soil	05/10/2019	05/13/2019
19E0591-37	DUPE003	Water	05/10/2019	05/13/2019
19E0591-38	SB009 (8-10) E	Soil	05/10/2019	05/13/2019
19E0591-39	SB009 (8-10) N	Soil	05/10/2019	05/13/2019
19E0591-40	SB009 (8-10) W	Soil	05/10/2019	05/13/2019
19E0591-41	FB001	Water	05/10/2019	05/13/2019
19E0591-42	EB001	Water	05/10/2019	05/13/2019
19E0591-43	FB002	Water	05/10/2019	05/13/2019
19E0591-44	EB002	Water	05/10/2019	05/13/2019
19E0591-45	FB003	Water	05/10/2019	05/13/2019
19E0591-46	EB003	Water	05/10/2019	05/13/2019
19E0591-47	TB001	Water	05/10/2019	05/13/2019
19E0591-48	TB002	Water	05/10/2019	05/13/2019

General Notes for York Project (SDG) No.: 19E0591

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

Approved By:

Date: 05/30/2019

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: SB001 (0-2)

York Sample ID: 19E0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:15 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 17:03	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 17:03	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 17:03	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH

Sample Information

Client Sample ID: SB001 (0-2)

York Sample ID: 19E0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:15 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
62-53-3	Aniline	ND		mg/kg dry	1.04	2.09	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
120-12-7	**Anthracene**	**0.459**	J	mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
92-87-5	Benzidine	ND		mg/kg dry	1.04	2.09	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,PADEP	05/22/2019 17:03	KH
56-55-3	**Benzo(a)anthracene**	**1.59**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
50-32-8	**Benzo(a)pyrene**	**1.64**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
205-99-2	**Benzo(b)fluoranthene**	**1.42**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
191-24-2	**Benzo(g,h,i)perylene**	**1.03**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
207-08-9	**Benzo(k)fluoranthene**	**1.24**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH

Sample Information

Client Sample ID: SB001 (0-2)

York Sample ID: 19E0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:15 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
85-68-7	**Benzyl butyl phthalate**	**0.413**	CCV-E, J	mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.492**	CCV-E, J	mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.522	1.04	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
86-74-8	Carbazole	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
218-01-9	**Chrysene**	**1.40**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.325**	J	mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
206-44-0	**Fluoranthene**	**2.98**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
86-73-7	Fluorene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.27**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH
78-59-1	Isophorone	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 17:03	KH

Sample Information

Client Sample ID: SB001 (0-2) **York Sample ID:** 19E0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:15 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
85-01-8	**Phenanthrene**	**1.58**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
108-95-2	Phenol	ND		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
129-00-0	**Pyrene**	**2.40**		mg/kg dry	0.261	0.522	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH
110-86-1	Pyridine	ND		mg/kg dry	1.04	2.09	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:03	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*64.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.8 %*	*24-116*

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	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/22/2019 21:49	CM

Sample Information

Client Sample ID: SB001 (0-2) **York Sample ID:** 19E0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:15 am	05/13/2019

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
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854	05/22/2019 21:49	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
72-20-8	Endrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/22/2019 21:49	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.205	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:49	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0410	5	EPA 8081B Certifications:	05/20/2019 08:00	05/22/2019 21:49	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*125 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.9 %*	*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	0.0207	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:13	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:13	SR

Sample Information

Client Sample ID: SB001 (0-2) **York Sample ID:** 19E0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:15 am	05/13/2019

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
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:13	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:13	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:13	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:13	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:13	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	05/20/2019 08:00	05/23/2019 00:13	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7890**		mg/kg dry	6.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-36-0	Antimony	ND		mg/kg dry	3.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-38-2	**Arsenic**	**5.08**		mg/kg dry	1.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-39-3	**Barium**	**144**		mg/kg dry	3.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-43-9	**Cadmium**	**1.68**		mg/kg dry	0.378	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-70-2	**Calcium**	**26100**		mg/kg dry	6.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-47-3	**Chromium**	**16.2**		mg/kg dry	0.630	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-48-4	**Cobalt**	**7.25**		mg/kg dry	0.504	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7440-50-8	**Copper**	**188**		mg/kg dry	2.52	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7439-89-6	**Iron**	**16700**		mg/kg dry	31.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML
7439-92-1	**Lead**	**962**		mg/kg dry	0.630	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:13	KML

Sample Information

Client Sample ID: SB001 (0-2) **York Sample ID:** 19E0591-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:15 am	05/13/2019

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
7439-95-4	**Magnesium**	**8540**		mg/kg dry	6.30	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**300**		mg/kg dry	0.630	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**17.6**		mg/kg dry	1.26	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1590**		mg/kg dry	6.30	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.15	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.630	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**314**		mg/kg dry	63.0	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.15	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.7**		mg/kg dry	1.26	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**370**		mg/kg dry	3.15	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:13	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.502**		mg/kg dry	0.0378	1	EPA 7473	05/22/2019 09:03	05/22/2019 12:16	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.4**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB001 (2-4) **York Sample ID:** 19E0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:25 am	05/13/2019

Sample Information

Client Sample ID: SB001 (2-4) **York Sample ID:** 19E0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:25 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 17:32	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 17:32	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 17:32	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH

Sample Information

Client Sample ID: SB001 (2-4) **York Sample ID:** 19E0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:25 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.111**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.226**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.193	0.387	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.334**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.193	0.387	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**1.11**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**1.16**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.949**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.798**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.902**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB001 (2-4) **York Sample ID:** 19E0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:25 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0966	0.193	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**0.105**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.991**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.212**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**0.0564**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**2.13**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.105**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.890**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	**Naphthalene**	**0.0571**	J	mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 17:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB001 (2-4) **York Sample ID:** 19E0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:25 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
85-01-8	**Phenanthrene**	**1.28**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
108-95-2	Phenol	ND		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
129-00-0	**Pyrene**	**1.66**		mg/kg dry	0.0484	0.0966	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH
110-86-1	Pyridine	ND		mg/kg dry	0.193	0.387	2	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 17:32	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*64.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.1 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.6 %*	*24-116*

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	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/22/2019 22:04	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM

Sample Information

Client Sample ID: SB001 (2-4) **York Sample ID:** 19E0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:25 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854	05/22/2019 22:04	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/22/2019 22:04	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:04	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0384	5	EPA 8081B Certifications:	05/20/2019 08:00	05/22/2019 22:04	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*116 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.3 %*	*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	0.0194	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:26	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:26	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:26	SR

Sample Information

Client Sample ID: SB001 (2-4) **York Sample ID:** 19E0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:25 am	05/13/2019

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	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:26	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:26	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:26	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:26	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	05/20/2019 08:00	05/23/2019 00:26	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10000**		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-36-0	Antimony	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-38-2	**Arsenic**	**4.53**		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-39-3	**Barium**	**115**		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-43-9	**Cadmium**	**1.36**		mg/kg dry	0.350	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-70-2	**Calcium**	**14700**		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-47-3	**Chromium**	**15.6**		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-48-4	**Cobalt**	**8.83**		mg/kg dry	0.466	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7440-50-8	**Copper**	**52.5**		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7439-89-6	**Iron**	**15900**		mg/kg dry	29.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7439-92-1	**Lead**	**1280**		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML
7439-95-4	**Magnesium**	**5720**		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:15	KML

Sample Information

Client Sample ID: SB001 (2-4) **York Sample ID:** 19E0591-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:25 am	05/13/2019

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
7439-96-5	**Manganese**	**279**		mg/kg dry	0.583	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**16.3**		mg/kg dry	1.17	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2510**		mg/kg dry	5.83	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.583	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**432**		mg/kg dry	58.3	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.9**		mg/kg dry	1.17	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**639**		mg/kg dry	2.91	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:15	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.425**		mg/kg dry	0.0350	1	EPA 7473	05/22/2019 09:03	05/22/2019 12:25	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.8**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB001 (4-6) **York Sample ID:** 19E0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:20 am	05/13/2019

Sample Information

Client Sample ID: SB001 (4-6) **York Sample ID:** 19E0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:20 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 18:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 18:01	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,PADEP	05/22/2019 18:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH

Sample Information

Client Sample ID: SB001 (4-6) **York Sample ID:** 19E0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:20 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.919**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	1.02	2.05	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.698**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	1.02	2.05	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**3.12**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**3.51**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**3.20**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**2.33**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**2.68**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB001 (4-6) **York Sample ID:** 19E0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:20 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.511	1.02	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**2.58**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.727**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**4.70**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.81**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB001 (4-6) **York Sample ID:** 19E0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:20 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
85-01-8	**Phenanthrene**	**2.01**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
129-00-0	**Pyrene**	**3.45**		mg/kg dry	0.256	0.511	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH
110-86-1	Pyridine	ND		mg/kg dry	1.02	2.05	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 18:01	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*59.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*21.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.0 %*	*24-116*

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	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/21/2019 20:07	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM

Sample Information

Client Sample ID: SB001 (4-6) **York Sample ID:** 19E0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:20 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854	05/21/2019 20:07	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
72-20-8	Endrin	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/21/2019 20:07	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.203	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:07	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0405	5	EPA 8081B Certifications:	05/20/2019 08:00	05/21/2019 20:07	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.4 %*	*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	0.0205	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2019 11:05	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2019 11:05	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2019 11:05	SR

Sample Information

Client Sample ID: SB001 (4-6) **York Sample ID:** 19E0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:20 am	05/13/2019

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	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/22/2019 11:05	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/22/2019 11:05	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/22/2019 11:05	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/22/2019 11:05	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0205	1	EPA 8082A Certifications:	05/20/2019 08:00	05/22/2019 11:05	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9650**		mg/kg dry	6.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-36-0	Antimony	ND		mg/kg dry	3.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-38-2	**Arsenic**	**4.98**		mg/kg dry	1.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-39-3	**Barium**	**100**		mg/kg dry	3.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-43-9	**Cadmium**	**0.963**		mg/kg dry	0.370	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-70-2	**Calcium**	**16700**		mg/kg dry	6.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-47-3	**Chromium**	**17.7**		mg/kg dry	0.616	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-48-4	**Cobalt**	**9.92**		mg/kg dry	0.493	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7440-50-8	**Copper**	**50.6**		mg/kg dry	2.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7439-89-6	**Iron**	**17600**		mg/kg dry	30.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7439-92-1	**Lead**	**464**		mg/kg dry	0.616	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML
7439-95-4	**Magnesium**	**6990**		mg/kg dry	6.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:17	KML

Sample Information

Client Sample ID: SB001 (4-6) **York Sample ID:** 19E0591-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:20 am	05/13/2019

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
7439-96-5	**Manganese**	**487**		mg/kg dry	0.616	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**18.8**		mg/kg dry	1.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2230**		mg/kg dry	6.16	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.08	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.616	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**234**		mg/kg dry	61.6	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.08	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**25.7**		mg/kg dry	1.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**410**		mg/kg dry	3.08	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:17	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.708**		mg/kg dry	0.0370	1	EPA 7473	05/22/2019 09:03	05/22/2019 12:34	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.1**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB002 (4-6) **York Sample ID:** 19E0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:30 am	05/13/2019

Sample Information

Client Sample ID: SB002 (4-6) **York Sample ID:** 19E0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 08:10	05/22/2019 15:36	KH

Sample Information

Client Sample ID: SB002 (4-6) **York Sample ID:** 19E0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	5.34	10.7	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	5.34	10.7	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**3.13**		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**3.00**		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**2.30**	J	mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**1.94**	J	mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**2.30**	J	mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB002 (4-6) **York Sample ID:** 19E0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	2.66	5.32	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**2.68**		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**5.15**		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.15**	J	mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10	05/22/2019 15:36 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB002 (4-6) **York Sample ID:** 19E0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH
85-01-8	**Phenanthrene**	**2.68**		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH
108-95-2	Phenol	ND		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH
129-00-0	**Pyrene**	**4.79**		mg/kg dry	1.34	2.66	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH
110-86-1	Pyridine	ND		mg/kg dry	5.34	10.7	10	EPA 8270D Certifications:	05/20/2019 08:10 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 15:36	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*51.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.0 %*	*24-116*

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	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/22/2019 22:19	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM

Sample Information

Client Sample ID: SB002 (4-6) **York Sample ID:** 19E0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:30 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854	05/22/2019 22:19	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
72-20-8	Endrin	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/22/2019 22:19	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.212	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:19	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0425	5	EPA 8081B Certifications:	05/20/2019 08:00	05/22/2019 22:19	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*108 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*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	0.0214	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:40	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:40	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:40	SR

Sample Information

Client Sample ID: SB002 (4-6) **York Sample ID:** 19E0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:30 am	05/13/2019

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	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:40	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:40	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:40	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/23/2019 00:40	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0214	1	EPA 8082A Certifications:	05/20/2019 08:00	05/23/2019 00:40	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5850**		mg/kg dry	6.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-36-0	Antimony	ND		mg/kg dry	3.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-38-2	**Arsenic**	**7.26**		mg/kg dry	1.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-39-3	**Barium**	**245**		mg/kg dry	3.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-41-7	**Beryllium**	**0.113**	B	mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-43-9	**Cadmium**	**1.18**		mg/kg dry	0.387	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-70-2	**Calcium**	**19900**		mg/kg dry	6.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-47-3	**Chromium**	**17.0**		mg/kg dry	0.645	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-48-4	**Cobalt**	**8.27**		mg/kg dry	0.516	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7440-50-8	**Copper**	**151**		mg/kg dry	2.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7439-89-6	**Iron**	**16400**		mg/kg dry	32.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML
7439-92-1	**Lead**	**459**		mg/kg dry	0.645	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:20	KML

Sample Information

Client Sample ID: SB002 (4-6) **York Sample ID:** 19E0591-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:30 am	05/13/2019

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
7439-95-4	**Magnesium**	**7800**		mg/kg dry	6.45	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**266**		mg/kg dry	0.645	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**18.9**		mg/kg dry	1.29	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1500**		mg/kg dry	6.45	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.645	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**292**		mg/kg dry	64.5	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**25.7**		mg/kg dry	1.29	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**446**		mg/kg dry	3.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:20	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.616**		mg/kg dry	0.0387	1	EPA 7473	05/22/2019 09:03	05/22/2019 13:33	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**77.5**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB002 (6-8) **York Sample ID:** 19E0591-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:50 am	05/13/2019

Sample Information

Client Sample ID: SB002 (6-8) **York Sample ID:** 19E0591-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:50 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 20:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 20:56	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 20:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH

Sample Information

Client Sample ID: SB002 (6-8) **York Sample ID:** 19E0591-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:50 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.204	0.408	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0903**	J	mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.204	0.408	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.277**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.279**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.200**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.168**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.177**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB002 (6-8) **York Sample ID:** 19E0591-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:50 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.203	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.252**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.466**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.196**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 20:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB002 (6-8) **York Sample ID:** 19E0591-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:50 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
85-01-8	**Phenanthrene**	**0.317**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
108-95-2	Phenol	ND		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
129-00-0	**Pyrene**	**0.471**		mg/kg dry	0.0510	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH
110-86-1	Pyridine	ND		mg/kg dry	0.204	0.408	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*60.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*48.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.0 %*	*24-116*

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	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/21/2019 20:22	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM

Sample Information

Client Sample ID: SB002 (6-8) **York Sample ID:** 19E0591-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:50 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854	05/21/2019 20:22	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
72-20-8	Endrin	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 NELAC-NY10854,NJDEP	05/21/2019 20:22	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.201	5	EPA 8081B Certifications:	05/20/2019 08:00 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 20:22	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0403	5	EPA 8081B Certifications:	05/20/2019 08:00	05/21/2019 20:22	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*	*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	0.0203	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2019 11:19	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2019 11:19	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	05/20/2019 08:00 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/22/2019 11:19	SR

Sample Information

Client Sample ID: SB002 (6-8) **York Sample ID:** 19E0591-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:50 am	05/13/2019

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	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/22/2019 11:19	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/22/2019 11:19	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/22/2019 11:19	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 08:00	05/22/2019 11:19	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0203	1	EPA 8082A Certifications:	05/20/2019 08:00	05/22/2019 11:19	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.5 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5280**		mg/kg dry	6.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-36-0	Antimony	ND		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-38-2	**Arsenic**	**11.7**		mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-39-3	**Barium**	**73.5**		mg/kg dry	3.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-43-9	**Cadmium**	**0.431**		mg/kg dry	0.367	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-70-2	**Calcium**	**3340**		mg/kg dry	6.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-47-3	**Chromium**	**20.3**		mg/kg dry	0.612	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-48-4	**Cobalt**	**12.8**		mg/kg dry	0.490	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7440-50-8	**Copper**	**52.4**		mg/kg dry	2.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7439-89-6	**Iron**	**29000**		mg/kg dry	30.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7439-92-1	**Lead**	**137**		mg/kg dry	0.612	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML
7439-95-4	**Magnesium**	**2110**		mg/kg dry	6.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:26	KML

Sample Information

Client Sample ID: SB002 (6-8) **York Sample ID:** 19E0591-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:50 am	05/13/2019

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
7439-96-5	**Manganese**	**277**		mg/kg dry	0.612	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**21.4**		mg/kg dry	1.22	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1720**		mg/kg dry	6.12	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.06	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.612	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**525**		mg/kg dry	61.2	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.06	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**51.5**		mg/kg dry	1.22	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**94.8**		mg/kg dry	3.06	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:26	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.236**		mg/kg dry	0.0367	1	EPA 7473	05/22/2019 09:03	05/22/2019 14:14	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.7**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB002 (0-2) **York Sample ID:** 19E0591-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:45 am	05/13/2019

Sample Information

Client Sample ID: SB002 (0-2) **York Sample ID:** 19E0591-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:45 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.813	1.62	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 21:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 21:26	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 21:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.813	1.62	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.813	1.62	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.813	1.62	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH

Sample Information

Client Sample ID: SB002 (0-2) **York Sample ID:** 19E0591-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:45 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.813	1.62	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.813	1.62	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.813	1.62	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.813	1.62	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	1.63	3.25	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	1.63	3.25	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:26 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB002 (0-2) **York Sample ID:** 19E0591-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:45 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	**Benzyl butyl phthalate**	**9.01**		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.669**	J	mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.813	1.62	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	**Di-n-butyl phthalate**	**0.533**	J	mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.676**	J	mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D	05/20/2019 14:37	05/22/2019 21:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB002 (0-2) **York Sample ID:** 19E0591-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:45 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
85-01-8	**Phenanthrene**	**0.598**	J	mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
108-95-2	Phenol	ND		mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
129-00-0	**Pyrene**	**0.669**	J	mg/kg dry	0.407	0.813	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH
110-86-1	Pyridine	ND		mg/kg dry	1.63	3.25	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:26	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.8 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*62.1 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.6 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*18.3 %*	S-01	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.2 %*		*24-116*

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	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 00:49	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM

Sample Information

Client Sample ID: SB002 (0-2) **York Sample ID:** 19E0591-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:45 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/23/2019 00:49	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
72-20-8	Endrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 00:49	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:49	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0429	5	EPA 8081B Certifications:	05/20/2019 14:33	05/23/2019 00:49	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*132 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.7 %*	*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	0.0216	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:53	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:53	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 00:53	SR

Sample Information

Client Sample ID: SB002 (0-2) **York Sample ID:** 19E0591-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:45 am	05/13/2019

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	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 00:53	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 00:53	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 00:53	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 00:53	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 00:53	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.0 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6690**		mg/kg dry	6.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-36-0	Antimony	ND		mg/kg dry	3.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-38-2	**Arsenic**	**2.59**		mg/kg dry	1.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-39-3	**Barium**	**103**		mg/kg dry	3.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.066	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.394	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-70-2	**Calcium**	**36000**		mg/kg dry	6.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-47-3	**Chromium**	**12.1**		mg/kg dry	0.656	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-48-4	**Cobalt**	**4.98**		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7440-50-8	**Copper**	**26.9**		mg/kg dry	2.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7439-89-6	**Iron**	**9370**		mg/kg dry	32.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7439-92-1	**Lead**	**56.0**		mg/kg dry	0.656	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML
7439-95-4	**Magnesium**	**6060**		mg/kg dry	6.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:33	KML

Sample Information

Client Sample ID: SB002 (0-2) **York Sample ID:** 19E0591-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:45 am	05/13/2019

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
7439-96-5	**Manganese**	**176**		mg/kg dry	0.656	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**10.7**		mg/kg dry	1.31	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1350**		mg/kg dry	6.56	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.28	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.656	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**478**		mg/kg dry	65.6	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.28	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**20.6**		mg/kg dry	1.31	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**96.1**		mg/kg dry	3.28	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:33	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.272**		mg/kg dry	0.0394	1	EPA 7473	05/22/2019 09:04	05/22/2019 16:34	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.2**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB003 (6-8) **York Sample ID:** 19E0591-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:35 am	05/13/2019

Sample Information

Client Sample ID: SB003 (6-8) **York Sample ID:** 19E0591-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:35 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 19:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 19:25	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 19:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH

Sample Information

Client Sample ID: SB003 (6-8) **York Sample ID:** 19E0591-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:35 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.0761**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.185	0.370	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.191**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.370**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.352**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.240**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.157**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.230**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB003 (6-8) **York Sample ID:** 19E0591-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:35 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0925	0.185	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**0.0480**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.313**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**0.0466**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.838**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.0710**	J	mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.204**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 19:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB003 (6-8) **York Sample ID:** 19E0591-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:35 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
85-01-8	**Phenanthrene**	**0.733**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
108-95-2	Phenol	ND		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
129-00-0	**Pyrene**	**0.725**		mg/kg dry	0.0463	0.0925	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH
110-86-1	Pyridine	ND		mg/kg dry	0.185	0.370	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:25	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*82.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*73.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.5 %*	*24-116*

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	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 19:49	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM

Sample Information

Client Sample ID: SB003 (6-8) **York Sample ID:** 19E0591-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:35 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/22/2019 19:49	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 19:49	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 19:49	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0368	5	EPA 8081B Certifications:	05/20/2019 14:33	05/22/2019 19:49	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*98.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.8 %*	*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	0.0186	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 10:36	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 10:36	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 10:36	SR

Sample Information

Client Sample ID: SB003 (6-8) **York Sample ID:** 19E0591-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:35 am	05/13/2019

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	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:36	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:36	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:36	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:36	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 10:36	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10100**		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-38-2	**Arsenic**	**3.78**		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-39-3	**Barium**	**103**		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-70-2	**Calcium**	**2930**		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-47-3	**Chromium**	**22.0**		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-48-4	**Cobalt**	**11.9**		mg/kg dry	0.449	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7440-50-8	**Copper**	**24.5**		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7439-89-6	**Iron**	**25600**		mg/kg dry	28.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7439-92-1	**Lead**	**53.9**		mg/kg dry	0.562	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML
7439-95-4	**Magnesium**	**3830**		mg/kg dry	5.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 17:54	KML

Sample Information

Client Sample ID: SB003 (6-8) **York Sample ID:** 19E0591-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:35 am	05/13/2019

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
7439-96-5	**Manganese**	**457**		mg/kg dry	0.562	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**22.5**		mg/kg dry	1.12	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3390**		mg/kg dry	5.62	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**306**		mg/kg dry	56.2	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**30.8**		mg/kg dry	1.12	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**57.6**		mg/kg dry	2.81	1	EPA 6010D	05/20/2019 14:51	05/20/2019 17:54	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.323**		mg/kg dry	0.0337	1	EPA 7473	05/22/2019 09:04	05/22/2019 15:32	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.0**		%	0.100	1	SM 2540G	05/17/2019 18:08	05/18/2019 15:54	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB003 (10-12) **York Sample ID:** 19E0591-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:45 am	05/13/2019

Sample Information

Client Sample ID: SB003 (10-12) **York Sample ID:** 19E0591-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:45 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 21:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 21:56	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 21:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH

Sample Information

Client Sample ID: SB003 (10-12) **York Sample ID:** 19E0591-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:45 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
62-53-3	Aniline	ND		mg/kg dry	0.212	0.425	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
92-87-5	Benzidine	ND		mg/kg dry	0.212	0.425	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,PADEP	05/22/2019 21:56	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH

Sample Information

Client Sample ID: SB003 (10-12) **York Sample ID:** 19E0591-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:45 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 21:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB003 (10-12) **York Sample ID:** 19E0591-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:45 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
108-95-2	Phenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH
110-86-1	Pyridine	ND		mg/kg dry	0.212	0.425	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 21:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*64.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*45.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.0 %*	*24-116*

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	0.00211	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:04	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:04	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:04	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:04	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:04	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 20:04	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:04	CM

Sample Information

Client Sample ID: SB003 (10-12) **York Sample ID:** 19E0591-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:45 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/20/2019 14:33	05/22/2019 20:04	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
72-20-8	Endrin	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/20/2019 14:33	05/22/2019 20:04	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.211	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/22/2019 20:04	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0421	5	EPA 8081B Certifications:	05/20/2019 14:33	05/22/2019 20:04	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*96.2 %*	*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	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:50	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:50	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:50	SR

Sample Information

Client Sample ID: SB003 (10-12) **York Sample ID:** 19E0591-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:45 am	05/13/2019

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	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:50	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:50	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:50	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 10:50	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0213	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 10:50	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6720**		mg/kg dry	6.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-36-0	Antimony	ND		mg/kg dry	3.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-38-2	**Arsenic**	**2.06**		mg/kg dry	1.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-39-3	**Barium**	**39.4**		mg/kg dry	3.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.064	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.384	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-70-2	**Calcium**	**2210**		mg/kg dry	6.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-47-3	**Chromium**	**17.1**		mg/kg dry	0.640	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-48-4	**Cobalt**	**6.95**		mg/kg dry	0.512	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7440-50-8	**Copper**	**17.7**		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7439-89-6	**Iron**	**13600**		mg/kg dry	32.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML
7439-92-1	**Lead**	**54100**		mg/kg dry	12.8	20	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/21/2019 13:03	KML
7439-95-4	**Magnesium**	**3440**		mg/kg dry	6.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:00	KML

Sample Information

Client Sample ID: SB003 (10-12) **York Sample ID:** 19E0591-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:45 am	05/13/2019

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
7439-96-5	**Manganese**	**108**		mg/kg dry	0.640	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**16.7**		mg/kg dry	1.28	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1660**		mg/kg dry	6.40	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.20	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.640	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**311**		mg/kg dry	64.0	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.20	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.1**		mg/kg dry	1.28	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**30.9**		mg/kg dry	3.20	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:00	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0384	1	EPA 7473	05/22/2019 09:04	05/22/2019 16:42	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.1**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB003 (0-2) **York Sample ID:** 19E0591-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:40 am	05/13/2019

Sample Information

Client Sample ID: SB003 (0-2) **York Sample ID:** 19E0591-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:40 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 22:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 22:26	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 22:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH

Sample Information

Client Sample ID: SB003 (0-2) **York Sample ID:** 19E0591-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:40 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**1.05**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	1.39	2.78	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**1.63**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	1.39	2.78	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**7.80**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**7.08**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**6.38**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**4.17**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**5.00**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:26 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB003 (0-2) **York Sample ID:** 19E0591-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:40 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**70.7**		mg/kg dry	3.47	6.93	100	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 11:16	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.693	1.38	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
86-74-8	Carbazole	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
218-01-9	**Chrysene**	**7.17**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
53-70-3	**Dibenzo(a,h)anthracene**	**1.24**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
206-44-0	**Fluoranthene**	**15.2**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
86-73-7	Fluorene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**5.28**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
78-59-1	Isophorone	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH

Sample Information

Client Sample ID: SB003 (0-2) **York Sample ID:** 19E0591-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:40 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
85-01-8	**Phenanthrene**	**6.05**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
108-95-2	Phenol	ND		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
129-00-0	**Pyrene**	**13.7**		mg/kg dry	0.347	0.693	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH
110-86-1	Pyridine	ND		mg/kg dry	1.39	2.78	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:26	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*63.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*51.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.6 %*	*24-116*

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	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 01:04	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM

Sample Information

Client Sample ID: SB003 (0-2) **York Sample ID:** 19E0591-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:40 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/23/2019 01:04	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 01:04	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:04	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B Certifications:	05/20/2019 14:33	05/23/2019 01:04	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.6 %*	*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	0.0185	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:07	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:07	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:07	SR

Sample Information

Client Sample ID: SB003 (0-2) **York Sample ID:** 19E0591-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:40 am	05/13/2019

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	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:07	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:07	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:07	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:07	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 01:07	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7140**		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-36-0	Antimony	ND		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-38-2	**Arsenic**	**4.73**		mg/kg dry	1.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-39-3	**Barium**	**464**		mg/kg dry	2.79	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-41-7	**Beryllium**	**0.060**		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-43-9	**Cadmium**	**1.11**		mg/kg dry	0.335	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-70-2	**Calcium**	**35700**		mg/kg dry	5.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-47-3	**Chromium**	**21.9**		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-48-4	**Cobalt**	**8.62**		mg/kg dry	0.446	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7440-50-8	**Copper**	**94.7**		mg/kg dry	2.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7439-89-6	**Iron**	**20000**		mg/kg dry	27.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML
7439-92-1	**Lead**	**342**		mg/kg dry	0.558	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:03	KML

Sample Information

Client Sample ID: SB003 (0-2) **York Sample ID:** 19E0591-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:40 am	05/13/2019

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
7439-95-4	**Magnesium**	**6660**		mg/kg dry	5.58	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**289**		mg/kg dry	0.558	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**25.4**		mg/kg dry	1.12	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1350**		mg/kg dry	5.58	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.79	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**814**		mg/kg dry	55.8	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.79	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.8**		mg/kg dry	1.12	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**402**		mg/kg dry	2.79	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:03	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.446**		mg/kg dry	0.0335	1	EPA 7473	05/22/2019 09:04	05/22/2019 16:51	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB004 (0-2) **York Sample ID:** 19E0591-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:30 am	05/13/2019

Sample Information

Client Sample ID: SB004 (0-2) **York Sample ID:** 19E0591-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 22:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 22:56	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 22:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH

Sample Information

Client Sample ID: SB004 (0-2) **York Sample ID:** 19E0591-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**2.32**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	2.22	4.44	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**4.80**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	2.22	4.44	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**8.92**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**7.83**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**6.63**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**4.07**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**5.71**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB004 (0-2) **York Sample ID:** 19E0591-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.896**	J	mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	1.11	2.22	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**2.07**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**7.64**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**1.07**	J	mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**1.42**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**20.8**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**2.08**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**5.53**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	**Naphthalene**	**1.16**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 22:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB004 (0-2) **York Sample ID:** 19E0591-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
85-01-8	**Phenanthrene**	**19.0**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
108-95-2	Phenol	ND		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
129-00-0	**Pyrene**	**17.5**		mg/kg dry	0.556	1.11	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH
110-86-1	Pyridine	ND		mg/kg dry	2.22	4.44	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 22:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*58.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*36.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.0 %*	*24-116*

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	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 01:19	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM

Sample Information

Client Sample ID: SB004 (0-2) **York Sample ID:** 19E0591-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:30 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/23/2019 01:19	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
72-20-8	Endrin	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 01:19	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.220	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:19	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0439	5	EPA 8081B Certifications:	05/20/2019 14:33	05/23/2019 01:19	CM

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*155 %*	S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.4 %*		*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	0.0222	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:20	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:20	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:20	SR

Sample Information

Client Sample ID: SB004 (0-2) **York Sample ID:** 19E0591-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:30 am	05/13/2019

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	0.0222	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:20	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:20	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:20	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:20	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0222	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 01:20	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3770**		mg/kg dry	6.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-36-0	**Antimony**	**3.36**		mg/kg dry	3.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-38-2	**Arsenic**	**5.15**		mg/kg dry	2.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-39-3	**Barium**	**175**		mg/kg dry	3.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-41-7	**Beryllium**	**0.520**		mg/kg dry	0.067	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-43-9	**Cadmium**	**3.05**		mg/kg dry	0.401	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-70-2	**Calcium**	**66000**		mg/kg dry	6.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-47-3	**Chromium**	**72.2**		mg/kg dry	0.668	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-48-4	**Cobalt**	**6.18**		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7440-50-8	**Copper**	**224**		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7439-89-6	**Iron**	**49100**		mg/kg dry	33.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML
7439-92-1	**Lead**	**576**		mg/kg dry	0.668	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:05	KML

Sample Information

Client Sample ID: SB004 (0-2) **York Sample ID:** 19E0591-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:30 am	05/13/2019

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
7439-95-4	**Magnesium**	**13200**		mg/kg dry	6.68	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**303**		mg/kg dry	0.668	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**74.1**		mg/kg dry	1.34	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**794**		mg/kg dry	6.68	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.34	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.668	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**432**		mg/kg dry	66.8	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.34	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**51.2**		mg/kg dry	1.34	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**966**		mg/kg dry	3.34	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:05	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.289**		mg/kg dry	0.0401	1	EPA 7473	05/22/2019 09:04	05/22/2019 17:00	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**74.9**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB004 (4-6) **York Sample ID:** 19E0591-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:35 am	05/13/2019

Sample Information

Client Sample ID: SB004 (4-6) **York Sample ID:** 19E0591-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:35 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 23:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 23:26	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 23:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH

Sample Information

Client Sample ID: SB004 (4-6) **York Sample ID:** 19E0591-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:35 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.136**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0589**	J	mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.217	0.434	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.560**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.217	0.434	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**1.97**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**2.10**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**1.62**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**1.22**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**1.28**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:26 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB004 (4-6) **York Sample ID:** 19E0591-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:35 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.108	0.216	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
86-74-8	**Carbazole**	**0.103**	J	mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
218-01-9	**Chrysene**	**1.82**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.288**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
132-64-9	**Dibenzofuran**	**0.0762**	J	mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
206-44-0	**Fluoranthene**	**3.62**		mg/kg dry	0.136	0.271	5	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 11:44	KH
86-73-7	**Fluorene**	**0.129**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.49**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH

Sample Information

Client Sample ID: SB004 (4-6) **York Sample ID:** 19E0591-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:35 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
85-01-8	**Phenanthrene**	**1.99**		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
108-95-2	Phenol	ND		mg/kg dry	0.0543	0.108	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH
129-00-0	**Pyrene**	**3.45**		mg/kg dry	0.136	0.271	5	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 11:44	KH
110-86-1	Pyridine	ND		mg/kg dry	0.217	0.434	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:26	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.4 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*71.1 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.1 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*10.1 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.2 %*		*24-116*

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	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 01:34	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM

Sample Information

Client Sample ID: SB004 (4-6) **York Sample ID:** 19E0591-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:35 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/23/2019 01:34	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
72-20-8	Endrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 01:34	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.214	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:34	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0427	5	EPA 8081B Certifications:	05/20/2019 14:33	05/23/2019 01:34	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*117 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.1 %*	*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	0.0216	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:34	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:34	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:34	SR

Sample Information

Client Sample ID: SB004 (4-6) **York Sample ID:** 19E0591-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:35 am	05/13/2019

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	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:34	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:34	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:34	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:34	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 01:34	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.0 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6850**		mg/kg dry	6.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-36-0	Antimony	ND		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-38-2	**Arsenic**	**9.12**		mg/kg dry	1.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-39-3	**Barium**	**77.3**		mg/kg dry	3.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-41-7	**Beryllium**	**0.096**		mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-43-9	**Cadmium**	**0.507**		mg/kg dry	0.391	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-70-2	**Calcium**	**22200**		mg/kg dry	6.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-47-3	**Chromium**	**12.8**		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-48-4	**Cobalt**	**6.79**		mg/kg dry	0.521	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7440-50-8	**Copper**	**165**		mg/kg dry	2.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7439-89-6	**Iron**	**17900**		mg/kg dry	32.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML
7439-92-1	**Lead**	**148**		mg/kg dry	0.651	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:07	KML

Sample Information

Client Sample ID: SB004 (4-6) **York Sample ID:** 19E0591-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:35 am	05/13/2019

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
7439-95-4	**Magnesium**	**3760**		mg/kg dry	6.51	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**242**		mg/kg dry	0.651	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**15.3**		mg/kg dry	1.30	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1350**		mg/kg dry	6.51	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.26	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.651	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**421**		mg/kg dry	65.1	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.26	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**21.3**		mg/kg dry	1.30	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**218**		mg/kg dry	3.26	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:07	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.127**		mg/kg dry	0.0391	1	EPA 7473	05/22/2019 09:04	05/22/2019 17:09	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.8**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB004 (2-4) **York Sample ID:** 19E0591-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:40 am	05/13/2019

Sample Information

Client Sample ID: SB004 (2-4) **York Sample ID:** 19E0591-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:40 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 23:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 23:56	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/22/2019 23:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
91-57-6	**2-Methylnaphthalene**	**0.121**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH

Sample Information

Client Sample ID: SB004 (2-4) **York Sample ID:** 19E0591-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:40 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.315**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0935**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**1.06**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**2.56**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**2.53**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**2.03**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**1.40**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**1.69**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB004 (2-4) **York Sample ID:** 19E0591-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:40 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0921	0.184	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**0.253**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**2.35**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.350**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**0.218**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**5.35**		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 12:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.356**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.79**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	**Naphthalene**	**0.166**		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37	05/22/2019 23:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB004 (2-4) **York Sample ID:** 19E0591-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:40 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
85-01-8	**Phenanthrene**	**3.74**		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 12:13	KH
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0921	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH
129-00-0	**Pyrene**	**4.90**		mg/kg dry	0.231	0.460	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 12:13	KH
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*61.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.0 %*	*24-116*

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	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 01:49	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM

Sample Information

Client Sample ID: SB004 (2-4) **York Sample ID:** 19E0591-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:40 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/23/2019 01:49	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 01:49	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:49	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B Certifications:	05/20/2019 14:33	05/23/2019 01:49	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.8 %*	*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	0.0182	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:47	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:47	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 01:47	SR

Sample Information

Client Sample ID: SB004 (2-4) **York Sample ID:** 19E0591-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:40 am	05/13/2019

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	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:47	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:47	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:47	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 01:47	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 01:47	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**15000**		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-36-0	Antimony	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-38-2	**Arsenic**	**7.13**		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-39-3	**Barium**	**162**		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-41-7	**Beryllium**	**0.121**		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-43-9	**Cadmium**	**1.05**		mg/kg dry	0.332	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-70-2	**Calcium**	**22400**		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-47-3	**Chromium**	**31.3**		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-48-4	**Cobalt**	**13.0**		mg/kg dry	0.443	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7440-50-8	**Copper**	**315**		mg/kg dry	2.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7439-89-6	**Iron**	**31000**		mg/kg dry	27.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML
7439-92-1	**Lead**	**307**		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:14	KML

Sample Information

Client Sample ID: SB004 (2-4) **York Sample ID:** 19E0591-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:40 am	05/13/2019

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
7439-95-4	**Magnesium**	**9420**		mg/kg dry	5.54	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**436**		mg/kg dry	0.554	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**31.7**		mg/kg dry	1.11	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3360**		mg/kg dry	5.54	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**432**		mg/kg dry	55.4	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**41.8**		mg/kg dry	1.11	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**462**		mg/kg dry	2.77	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:14	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.339**		mg/kg dry	0.0332	1	EPA 7473	05/22/2019 09:04	05/22/2019 17:18	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB005 (2-4) **York Sample ID:** 19E0591-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:15 am	05/13/2019

Sample Information

Client Sample ID: SB005 (2-4) **York Sample ID:** 19E0591-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:15 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.502	1.00	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 00:26	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 00:26	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 00:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.502	1.00	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.502	1.00	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
91-57-6	**2-Methylnaphthalene**	**0.281**	J	mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.502	1.00	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH

Sample Information

Client Sample ID: SB005 (2-4) **York Sample ID:** 19E0591-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:15 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.502	1.00	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.502	1.00	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.502	1.00	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.502	1.00	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
83-32-9	**Acenaphthene**	**0.855**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
208-96-8	**Acenaphthylene**	**0.313**	J	mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
62-53-3	Aniline	ND		mg/kg dry	1.01	2.01	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
120-12-7	**Anthracene**	**2.07**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
92-87-5	Benzidine	ND		mg/kg dry	1.01	2.01	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,PADEP	05/23/2019 00:26	KH
56-55-3	**Benzo(a)anthracene**	**6.02**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
50-32-8	**Benzo(a)pyrene**	**4.92**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
205-99-2	**Benzo(b)fluoranthene**	**4.57**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
191-24-2	**Benzo(g,h,i)perylene**	**2.39**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
207-08-9	**Benzo(k)fluoranthene**	**4.04**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH

Sample Information

Client Sample ID: SB005 (2-4) **York Sample ID:** 19E0591-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:15 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	**Benzyl butyl phthalate**	**0.305**	J	mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.502	1.00	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**1.33**		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**5.75**		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.782**		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.742**		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**14.8**		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.819**		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**3.33**		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.449**	J	mg/kg dry	0.252	0.502	10	EPA 8270D	05/20/2019 14:37	05/23/2019 00:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB005 (2-4) **York Sample ID:** 19E0591-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:15 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
85-01-8	**Phenanthrene**	**12.1**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
108-95-2	Phenol	ND		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
129-00-0	**Pyrene**	**12.1**		mg/kg dry	0.252	0.502	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH
110-86-1	Pyridine	ND		mg/kg dry	1.01	2.01	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:26	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*75.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*72.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.0 %*	*24-116*

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	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 02:04	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM

Sample Information

Client Sample ID: SB005 (2-4) **York Sample ID:** 19E0591-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:15 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/23/2019 02:04	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
72-20-8	Endrin	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 02:04	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.200	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:04	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0400	5	EPA 8081B Certifications:	05/20/2019 14:33	05/23/2019 02:04	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.1 %*	*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	0.0202	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 02:01	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 02:01	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 02:01	SR

Sample Information

Client Sample ID: SB005 (2-4) **York Sample ID:** 19E0591-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:15 am	05/13/2019

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	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:01	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:01	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:01	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:01	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0202	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 02:01	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7540**		mg/kg dry	6.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-36-0	Antimony	ND		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-38-2	**Arsenic**	**3.87**		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-39-3	**Barium**	**131**		mg/kg dry	3.04	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-41-7	**Beryllium**	**0.830**		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-43-9	**Cadmium**	**1.19**		mg/kg dry	0.365	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-70-2	**Calcium**	**16500**		mg/kg dry	6.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-47-3	**Chromium**	**26.4**		mg/kg dry	0.608	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-48-4	**Cobalt**	**12.6**		mg/kg dry	0.486	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7440-50-8	**Copper**	**241**		mg/kg dry	2.43	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7439-89-6	**Iron**	**21200**		mg/kg dry	30.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML
7439-92-1	**Lead**	**432**		mg/kg dry	0.608	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:16	KML

Sample Information

Client Sample ID: SB005 (2-4) **York Sample ID:** 19E0591-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:15 am	05/13/2019

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
7439-95-4	**Magnesium**	**4720**		mg/kg dry	6.08	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**338**		mg/kg dry	0.608	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**105**		mg/kg dry	1.22	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**2180**		mg/kg dry	6.08	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.04	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.608	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**485**		mg/kg dry	60.8	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.04	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.7**		mg/kg dry	1.22	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**781**		mg/kg dry	3.04	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:16	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.338**		mg/kg dry	0.0365	1	EPA 7473	05/22/2019 09:04	05/22/2019 17:27	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.2**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB005 (0-2) **York Sample ID:** 19E0591-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:23 am	05/13/2019

Sample Information

Client Sample ID: SB005 (0-2) **York Sample ID:** 19E0591-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:23 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 00:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 00:55	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 00:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH

Sample Information

Client Sample ID: SB005 (0-2) **York Sample ID:** 19E0591-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:23 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
62-53-3	Aniline	ND		mg/kg dry	1.04	2.08	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
120-12-7	Anthracene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
92-87-5	Benzidine	ND		mg/kg dry	1.04	2.08	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,PADEP	05/23/2019 00:55	KH
56-55-3	**Benzo(a)anthracene**	**0.341**	J	mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH

Sample Information

Client Sample ID: SB005 (0-2) **York Sample ID:** 19E0591-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:23 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.520	1.04	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.295**	J	mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.753**		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 00:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB005 (0-2) **York Sample ID:** 19E0591-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:23 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
85-01-8	**Phenanthrene**	**0.441**	J	mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
108-95-2	Phenol	ND		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
129-00-0	**Pyrene**	**0.645**		mg/kg dry	0.261	0.520	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH
110-86-1	Pyridine	ND		mg/kg dry	1.04	2.08	10	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:55	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.6 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*67.6 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*12.0 %*	S-01	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.6 %*		*24-116*

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:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:19	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:19	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:19	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:19	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:19	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 02:19	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:19	CM

Sample Information

Client Sample ID: SB005 (0-2) **York Sample ID:** 19E0591-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:23 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/20/2019 14:33	05/23/2019 02:19	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
72-20-8	Endrin	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/20/2019 14:33	05/23/2019 02:19	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.207	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:19	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0413	5	EPA 8081B Certifications:	05/20/2019 14:33	05/23/2019 02:19	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*119 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*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	05/20/2019 14:33	05/23/2019 02:14	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:14	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:14	SR

Sample Information

Client Sample ID: SB005 (0-2) **York Sample ID:** 19E0591-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:23 am	05/13/2019

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	05/20/2019 14:33	05/23/2019 02:14	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:14	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:14	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:14	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0209	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 02:14	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.5 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6750**		mg/kg dry	6.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-36-0	Antimony	ND		mg/kg dry	3.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-38-2	**Arsenic**	**7.54**		mg/kg dry	1.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-39-3	**Barium**	**200**		mg/kg dry	3.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-43-9	**Cadmium**	**0.452**		mg/kg dry	0.377	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-70-2	**Calcium**	**72400**		mg/kg dry	6.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-47-3	**Chromium**	**18.3**		mg/kg dry	0.628	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-48-4	**Cobalt**	**5.77**		mg/kg dry	0.503	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7440-50-8	**Copper**	**35.6**		mg/kg dry	2.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7439-89-6	**Iron**	**10700**		mg/kg dry	31.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7439-92-1	**Lead**	**105**		mg/kg dry	0.628	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML
7439-95-4	**Magnesium**	**17400**		mg/kg dry	6.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:19	KML

Sample Information

Client Sample ID: SB005 (0-2) **York Sample ID:** 19E0591-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:23 am	05/13/2019

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
7439-96-5	**Manganese**	**197**		mg/kg dry	0.628	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**13.7**		mg/kg dry	1.26	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1520**		mg/kg dry	6.28	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**9.92**		mg/kg dry	3.14	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.628	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**369**		mg/kg dry	62.8	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.14	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**21.2**		mg/kg dry	1.26	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**210**		mg/kg dry	3.14	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:19	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.145**		mg/kg dry	0.0377	1	EPA 7473	05/22/2019 09:04	05/22/2019 17:36	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.6**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB005 (8-10) **York Sample ID:** 19E0591-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:20 am	05/13/2019

Sample Information

Client Sample ID: SB005 (8-10) **York Sample ID:** 19E0591-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:20 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 01:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 01:25	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 01:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH

Sample Information

Client Sample ID: SB005 (8-10) **York Sample ID:** 19E0591-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:20 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0647**	J	mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.245**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.323**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.240**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.235**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.206**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:25 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB005 (8-10) **York Sample ID:** 19E0591-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:20 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.207	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
218-01-9	**Chrysene**	**0.258**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.0597**	J	mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
206-44-0	**Fluoranthene**	**0.548**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.265**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 01:25	KH

Sample Information

Client Sample ID: SB005 (8-10) **York Sample ID:** 19E0591-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:20 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
85-01-8	**Phenanthrene**	**0.356**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
108-95-2	Phenol	ND		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
129-00-0	**Pyrene**	**0.494**		mg/kg dry	0.0520	0.104	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH
110-86-1	Pyridine	ND		mg/kg dry	0.208	0.415	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:25	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*68.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.9 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*51.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.0 %*	*24-116*

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	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 05:43	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM

Sample Information

Client Sample ID: SB005 (8-10) **York Sample ID:** 19E0591-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:20 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/22/2019 05:43	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
72-20-8	Endrin	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 05:43	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.205	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:43	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0410	5	EPA 8081B Certifications:	05/20/2019 14:33	05/22/2019 05:43	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*130 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.2 %*	*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	0.0207	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:17	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:17	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:17	SR

Sample Information

Client Sample ID: SB005 (8-10) **York Sample ID:** 19E0591-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:20 am	05/13/2019

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	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:17	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:17	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:17	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:17	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 11:17	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.0 %*	*30-120*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10400**		mg/kg dry	6.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-36-0	Antimony	ND		mg/kg dry	3.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-38-2	**Arsenic**	**2.09**		mg/kg dry	1.88	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-39-3	**Barium**	**63.5**		mg/kg dry	3.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-41-7	**Beryllium**	**0.437**		mg/kg dry	0.063	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.376	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-70-2	**Calcium**	**991**		mg/kg dry	6.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.626	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-48-4	**Cobalt**	**6.21**		mg/kg dry	0.501	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7440-50-8	**Copper**	**17.6**		mg/kg dry	2.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7439-89-6	**Iron**	**15300**		mg/kg dry	31.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7439-92-1	**Lead**	**90.8**		mg/kg dry	0.626	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML
7439-95-4	**Magnesium**	**2590**		mg/kg dry	6.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:21	KML

Sample Information

Client Sample ID: SB005 (8-10) **York Sample ID:** 19E0591-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:20 am	05/13/2019

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
7439-96-5	**Manganese**	**247**		mg/kg dry	0.626	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**14.0**		mg/kg dry	1.25	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**876**		mg/kg dry	6.26	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.13	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.626	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**697**		mg/kg dry	62.6	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.13	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**16.2**		mg/kg dry	1.25	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**47.5**		mg/kg dry	3.13	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:21	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.662**		mg/kg dry	0.0376	1	EPA 7473	05/22/2019 09:04	05/22/2019 17:45	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**79.9**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB006 (0-2) **York Sample ID:** 19E0591-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:00 am	05/13/2019

Sample Information

Client Sample ID: SB006 (0-2) **York Sample ID:** 19E0591-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 01:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 01:55	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 01:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH

Sample Information

Client Sample ID: SB006 (0-2) **York Sample ID:** 19E0591-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.102	0.204	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0744**	J	mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.205	0.409	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0727**	J	mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.205	0.409	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.311**		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.364**		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.311**		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.230**		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.242**		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 01:55 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB006 (0-2) **York Sample ID:** 19E0591-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	**Benzyl butyl phthalate**	**0.102**		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.163**		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.102	0.204	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.294**		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0597**	J	mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.506**		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.284**		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D	05/20/2019 14:37	05/23/2019 01:55	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB006 (0-2) **York Sample ID:** 19E0591-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
85-01-8	**Phenanthrene**	**0.203**		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
108-95-2	Phenol	ND		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
129-00-0	**Pyrene**	**0.485**		mg/kg dry	0.0512	0.102	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
110-86-1	Pyridine	ND		mg/kg dry	0.205	0.409	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*67.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*65.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*55.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.7 %*	*24-116*

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	0.00202	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:34	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:34	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:34	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:34	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:34	CM
5103-71-9	**alpha-Chlordane**	**0.00983**		mg/kg dry	0.00202	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/23/2019 02:34	CM

Sample Information

Client Sample ID: SB006 (0-2) **York Sample ID:** 19E0591-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:00 am	05/13/2019

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
319-85-7	beta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	05/20/2019 14:33	05/23/2019 02:34	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
72-20-8	Endrin	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
5566-34-7	**gamma-Chlordane**	**0.00771**		mg/kg dry	0.00202	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	05/20/2019 14:33	05/23/2019 02:34	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.202	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:34	CM
57-74-9	*** Chlordane, total**	**0.0599**		mg/kg dry	0.0404	5	EPA 8081B Certifications:	05/20/2019 14:33	05/23/2019 02:34	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*136 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.1 %*	*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	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:28	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:28	SR

Sample Information

Client Sample ID: SB006 (0-2) **York Sample ID:** 19E0591-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:00 am	05/13/2019

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
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:28	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:28	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:28	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:28	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 02:28	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0204	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 02:28	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5890**		mg/kg dry	6.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-36-0	Antimony	ND		mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-38-2	**Arsenic**	**2.26**		mg/kg dry	1.84	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-39-3	**Barium**	**120**		mg/kg dry	3.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-41-7	**Beryllium**	**0.102**		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-43-9	**Cadmium**	**0.707**		mg/kg dry	0.369	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-70-2	**Calcium**	**39100**		mg/kg dry	6.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-47-3	**Chromium**	**17.7**		mg/kg dry	0.615	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-48-4	**Cobalt**	**5.84**		mg/kg dry	0.492	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7440-50-8	**Copper**	**105**		mg/kg dry	2.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7439-89-6	**Iron**	**12900**		mg/kg dry	30.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML
7439-92-1	**Lead**	**474**		mg/kg dry	0.615	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:23	KML

Sample Information

Client Sample ID: SB006 (0-2) **York Sample ID:** 19E0591-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:00 am	05/13/2019

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
7439-95-4	**Magnesium**	**6770**		mg/kg dry	6.15	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**175**		mg/kg dry	0.615	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**14.7**		mg/kg dry	1.23	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1070**		mg/kg dry	6.15	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.07	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.615	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**646**		mg/kg dry	61.5	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.07	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**23.2**		mg/kg dry	1.23	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**262**		mg/kg dry	3.07	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**3.49**		mg/kg dry	0.0369	1	EPA 7473	05/22/2019 09:04	05/22/2019 17:58	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.3**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB006 (4-6) **York Sample ID:** 19E0591-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:05 am	05/13/2019

Sample Information

Client Sample ID: SB006 (4-6) **York Sample ID:** 19E0591-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 02:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 02:25	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 02:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH

Sample Information

Client Sample ID: SB006 (4-6) **York Sample ID:** 19E0591-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
62-53-3	Aniline	ND		mg/kg dry	0.170	0.341	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
92-87-5	Benzidine	ND		mg/kg dry	0.170	0.341	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,PADEP	05/23/2019 02:25	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH

Sample Information

Client Sample ID: SB006 (4-6) **York Sample ID:** 19E0591-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0851	0.170	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB006 (4-6) **York Sample ID:** 19E0591-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
108-95-2	Phenol	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0427	0.0851	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH
110-86-1	Pyridine	ND		mg/kg dry	0.170	0.341	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:25	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*48.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*44.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.4 %*	*24-116*

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	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 05:58	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM

Sample Information

Client Sample ID: SB006 (4-6) **York Sample ID:** 19E0591-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:05 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/22/2019 05:58	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
72-20-8	Endrin	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 05:58	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.168	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 05:58	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0337	5	EPA 8081B Certifications:	05/20/2019 14:33	05/22/2019 05:58	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*113 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.1 %*	*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	0.0170	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:30	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:30	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:30	SR

Sample Information

Client Sample ID: SB006 (4-6) **York Sample ID:** 19E0591-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:05 am	05/13/2019

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	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:30	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:30	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:30	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:30	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0170	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 11:30	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1040**		mg/kg dry	5.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-36-0	Antimony	ND		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-39-3	**Barium**	**7.05**		mg/kg dry	2.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.051	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.307	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-70-2	**Calcium**	**982**		mg/kg dry	5.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-47-3	**Chromium**	**2.90**		mg/kg dry	0.512	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-48-4	**Cobalt**	**1.31**		mg/kg dry	0.410	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7440-50-8	**Copper**	**5.54**		mg/kg dry	2.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7439-89-6	**Iron**	**3260**		mg/kg dry	25.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7439-92-1	**Lead**	**7.67**		mg/kg dry	0.512	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML
7439-95-4	**Magnesium**	**422**		mg/kg dry	5.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:25	KML

Sample Information

Client Sample ID: SB006 (4-6) **York Sample ID:** 19E0591-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:05 am	05/13/2019

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
7439-96-5	**Manganese**	**39.6**		mg/kg dry	0.512	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**3.27**		mg/kg dry	1.02	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**255**		mg/kg dry	5.12	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.56	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.512	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**63.2**		mg/kg dry	51.2	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.56	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**4.09**		mg/kg dry	1.02	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**26.4**		mg/kg dry	2.56	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:25	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0375**		mg/kg dry	0.0307	1	EPA 7473	05/22/2019 09:04	05/22/2019 18:38	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**97.7**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB006 (6-8) **York Sample ID:** 19E0591-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:10 am	05/13/2019

Sample Information

Client Sample ID: SB006 (6-8) **York Sample ID:** 19E0591-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 02:55	KH

Sample Information

Client Sample ID: SB006 (6-8) **York Sample ID:** 19E0591-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.195	0.390	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0848**	J	mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.390	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.312**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.318**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.247**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.170**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.203**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB006 (6-8) **York Sample ID:** 19E0591-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0973	0.194	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.300**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.670**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.217**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 02:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB006 (6-8) **York Sample ID:** 19E0591-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH
85-01-8	**Phenanthrene**	**0.379**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH
108-95-2	Phenol	ND		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH
129-00-0	**Pyrene**	**0.651**		mg/kg dry	0.0488	0.0973	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH
110-86-1	Pyridine	ND		mg/kg dry	0.195	0.390	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:55	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*70.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*59.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.0 %*	*24-116*

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:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 20:19	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM

Sample Information

Client Sample ID: SB006 (6-8) **York Sample ID:** 19E0591-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:10 am	05/13/2019

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
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854	05/22/2019 20:19	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 NELAC-NY10854,NJDEP	05/22/2019 20:19	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	5	EPA 8081B Certifications:	05/20/2019 14:33 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 20:19	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0386	5	EPA 8081B Certifications:	05/20/2019 14:33	05/22/2019 20:19	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*122 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.3 %*	*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	0.0195	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:03	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:03	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	05/20/2019 14:33 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 11:03	SR

Sample Information

Client Sample ID: SB006 (6-8) **York Sample ID:** 19E0591-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:10 am	05/13/2019

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	05/20/2019 14:33	05/23/2019 11:03	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:03	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:03	SR
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:33	05/23/2019 11:03	SR
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	05/20/2019 14:33	05/23/2019 11:03	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6970**		mg/kg dry	5.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-36-0	Antimony	ND		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-38-2	**Arsenic**	**2.26**		mg/kg dry	1.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-39-3	**Barium**	**45.7**		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-41-7	**Beryllium**	**0.144**		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-43-9	**Cadmium**	**0.908**		mg/kg dry	0.352	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-70-2	**Calcium**	**4170**		mg/kg dry	5.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-47-3	**Chromium**	**13.3**		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-48-4	**Cobalt**	**7.00**		mg/kg dry	0.470	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7440-50-8	**Copper**	**275**		mg/kg dry	2.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7439-89-6	**Iron**	**15800**		mg/kg dry	29.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML
7439-92-1	**Lead**	**160**		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:28	KML

Sample Information

Client Sample ID: SB006 (6-8) **York Sample ID:** 19E0591-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 9:10 am	05/13/2019

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
7439-95-4	**Magnesium**	**4410**		mg/kg dry	5.87	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**123**		mg/kg dry	0.587	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**16.7**		mg/kg dry	1.17	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1200**		mg/kg dry	5.87	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.94	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.587	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**192**		mg/kg dry	58.7	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.94	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	1.17	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**709**		mg/kg dry	2.94	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:28	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.278**		mg/kg dry	0.0352	1	EPA 7473	05/22/2019 09:04	05/22/2019 18:47	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.1**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB007 (8-10) **York Sample ID:** 19E0591-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:50 pm	05/13/2019

Sample Information

Client Sample ID: SB007 (8-10) **York Sample ID:** 19E0591-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 03:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 03:25	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,PADEP	05/23/2019 03:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH

Sample Information

Client Sample ID: SB007 (8-10) **York Sample ID:** 19E0591-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.224	0.449	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.0797**	J	mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.224	0.449	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.259**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**0.232**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.158**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.114**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.154**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB007 (8-10) **York Sample ID:** 19E0591-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.112	0.224	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.228**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.501**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.142**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37	05/23/2019 03:25 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB007 (8-10) **York Sample ID:** 19E0591-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
85-01-8	**Phenanthrene**	**0.365**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
108-95-2	Phenol	ND		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
129-00-0	**Pyrene**	**0.561**		mg/kg dry	0.0562	0.112	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH
110-86-1	Pyridine	ND		mg/kg dry	0.224	0.449	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:25	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*84.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*78.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*63.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*67.2 %*	*24-116*

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**	**6780**		mg/kg dry	6.79	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:30	KML
7440-36-0	Antimony	ND		mg/kg dry	3.39	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:30	KML
7440-38-2	**Arsenic**	**8.26**		mg/kg dry	2.04	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:30	KML
7440-39-3	**Barium**	**376**		mg/kg dry	3.39	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:30	KML
7440-41-7	**Beryllium**	**0.712**		mg/kg dry	0.068	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:30	KML
7440-43-9	**Cadmium**	**0.602**		mg/kg dry	0.407	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:30	KML

Sample Information

Client Sample ID: SB007 (8-10) **York Sample ID:** 19E0591-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:50 pm	05/13/2019

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**9660**		mg/kg dry	6.79	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**11.7**		mg/kg dry	0.679	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**12.0**		mg/kg dry	0.543	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**170**		mg/kg dry	2.71	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**10300**		mg/kg dry	33.9	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**431**		mg/kg dry	0.679	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**913**		mg/kg dry	6.79	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**329**		mg/kg dry	0.679	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**22.1**		mg/kg dry	1.36	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1060**		mg/kg dry	6.79	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.39	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.679	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**1950**		mg/kg dry	67.9	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.39	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**26.3**		mg/kg dry	1.36	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**399**		mg/kg dry	3.39	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:30	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.40**		mg/kg dry	0.0407	1	EPA 7473	05/22/2019 09:04	05/22/2019 18:56	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB007 (8-10) **York Sample ID:** 19E0591-19

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:50 pm	05/13/2019

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**	**73.7**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB007 (12-14) **York Sample ID:** 19E0591-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:00 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.144	0.287	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: NELAC-NY10854,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: NELAC-NY10854,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.144	0.287	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.144	0.287	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D	05/20/2019 14:37	05/23/2019 03:55	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB007 (12-14) **York Sample ID:** 19E0591-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:00 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.144	0.287	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.144	0.287	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.144	0.287	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.144	0.287	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.144	0.287	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
208-96-8	**Acenaphthylene**	**0.0849**	J	mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
62-53-3	Aniline	ND		mg/kg dry	0.287	0.575	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
120-12-7	**Anthracene**	**0.120**	J	mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH

Sample Information

Client Sample ID: SB007 (12-14) **York Sample ID:** 19E0591-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:00 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.287	0.575	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,PADEP	05/23/2019 03:55	KH
56-55-3	**Benzo(a)anthracene**	**0.327**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
50-32-8	**Benzo(a)pyrene**	**0.491**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
205-99-2	**Benzo(b)fluoranthene**	**0.248**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.277**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
207-08-9	**Benzo(k)fluoranthene**	**0.263**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.144	0.287	2	EPA 8270D Certifications:	05/20/2019 14:37 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
218-01-9	**Chrysene**	**0.319**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH
206-44-0	**Fluoranthene**	**0.555**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications:	05/20/2019 14:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:55	KH

Sample Information

Client Sample ID: SB007 (12-14) **York Sample ID:** 19E0591-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:00 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.270**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
85-01-8	**Phenanthrene**	**0.171**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
108-95-2	Phenol	ND		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
129-00-0	**Pyrene**	**0.731**		mg/kg dry	0.0720	0.144	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH
110-86-1	Pyridine	ND		mg/kg dry	0.287	0.575	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:37	05/23/2019 03:55	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*73.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.9 %*	*24-116*

Metals, Target Analyte

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

Sample Information

Client Sample ID: SB007 (12-14) **York Sample ID:** 19E0591-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:00 pm	05/13/2019

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**	**21400**		mg/kg dry	8.64	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	4.32	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**22.1**		mg/kg dry	2.59	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**133**		mg/kg dry	4.32	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.704**		mg/kg dry	0.086	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.827**		mg/kg dry	0.518	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**3400**		mg/kg dry	8.64	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**59.6**		mg/kg dry	0.864	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**16.1**		mg/kg dry	0.691	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**158**		mg/kg dry	3.45	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**39800**		mg/kg dry	43.2	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**365**		mg/kg dry	0.864	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**8990**		mg/kg dry	8.64	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**463**		mg/kg dry	0.864	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**39.5**		mg/kg dry	1.73	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**4460**		mg/kg dry	8.64	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	4.32	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.864	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**2780**		mg/kg dry	86.4	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	4.32	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**51.0**		mg/kg dry	1.73	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**280**		mg/kg dry	4.32	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:32	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB007 (12-14) **York Sample ID:** 19E0591-20

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:00 pm	05/13/2019

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**	**5.38**		mg/kg dry	0.0518	1	EPA 7473	05/22/2019 09:04	05/22/2019 19:21	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**57.9**		%	0.100	1	SM 2540G	05/16/2019 22:16	05/17/2019 15:13	JTV
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB007 (0-2) **York Sample ID:** 19E0591-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:40 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: NELAC-NY10854,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: NELAC-NY10854,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	05/21/2019 08:26	05/22/2019 23:58	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB007 (0-2) **York Sample ID:** 19E0591-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:40 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH

Sample Information

Client Sample ID: SB007 (0-2) **York Sample ID:** 19E0591-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:40 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
62-53-3	Aniline	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
56-55-3	**Benzo(a)anthracene**	**0.214**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
50-32-8	**Benzo(a)pyrene**	**0.284**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
205-99-2	**Benzo(b)fluoranthene**	**0.252**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.196**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
207-08-9	**Benzo(k)fluoranthene**	**0.210**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
218-01-9	**Chrysene**	**0.219**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.0609**	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 23:58	KH

Sample Information

Client Sample ID: SB007 (0-2) **York Sample ID:** 19E0591-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:40 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
206-44-0	**Fluoranthene**	**0.362**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.216**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
85-01-8	**Phenanthrene**	**0.133**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
129-00-0	**Pyrene**	**0.305**		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH
110-86-1	Pyridine	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 23:58	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*64.4 %*	*20-108*

Sample Information

Client Sample ID: SB007 (0-2) **York Sample ID:** 19E0591-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:40 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	*Surrogate: SURR: Phenol-d5*	*69.2 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.7 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.8 %*			*24-116*						

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**	**11900**		mg/kg dry	5.90	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.95	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**5.67**		mg/kg dry	1.77	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**147**		mg/kg dry	2.95	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.320**		mg/kg dry	0.059	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.947**		mg/kg dry	0.354	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**11000**		mg/kg dry	5.90	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**15.4**		mg/kg dry	0.590	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**8.65**		mg/kg dry	0.472	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**117**		mg/kg dry	2.36	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**18000**		mg/kg dry	29.5	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**101**		mg/kg dry	0.590	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2920**		mg/kg dry	5.90	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**416**		mg/kg dry	0.590	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**18.8**		mg/kg dry	1.18	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1580**		mg/kg dry	5.90	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB007 (0-2) **York Sample ID:** 19E0591-21

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:40 pm	05/13/2019

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:34	KML
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:34	KML
7440-23-5	**Sodium**	**444**		mg/kg dry	59.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:34	KML
7440-28-0	Thallium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:34	KML
7440-62-2	**Vanadium**	**23.1**		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:34	KML
7440-66-6	**Zinc**	**268**		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:34	KML

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**	**0.462**		mg/kg dry	0.0354	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	05/22/2019 09:04	05/22/2019 19:32	SY

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**	**84.8**		%	0.100	1	SM 2540G Certifications: CTDOH	05/16/2019 22:16	05/17/2019 15:13	JTV

Sample Information

Client Sample ID: SB008 (6-8) **York Sample ID:** 19E0591-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH

Sample Information

Client Sample ID: SB008 (6-8) **York Sample ID:** 19E0591-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
91-57-6	**2-Methylnaphthalene**	**0.0824**	J	mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:27	KH

Sample Information

Client Sample ID: SB008 (6-8) **York Sample ID:** 19E0591-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	**Acenaphthene**	**0.139**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.227	0.454	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	**Anthracene**	**0.359**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.227	0.454	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	**Benzo(a)anthracene**	**0.964**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**1.20**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**0.865**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.798**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**0.717**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB008 (6-8) **York Sample ID:** 19E0591-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.113	0.226	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	**Carbazole**	**0.111**	J	mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.830**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.177**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**0.0598**	J	mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**1.80**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.129**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.908**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:27 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB008 (6-8) **York Sample ID:** 19E0591-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:27	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:27	KH
85-01-8	**Phenanthrene**	**1.35**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:27	KH
108-95-2	Phenol	ND		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:27	KH
129-00-0	**Pyrene**	**1.63**		mg/kg dry	0.0568	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:27	KH
110-86-1	Pyridine	ND		mg/kg dry	0.227	0.454	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 00:27	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*44.5 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*73.2 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.2 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.2 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*18.8 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.9 %*		*24-116*

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**	**12700**		mg/kg dry	6.82	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:41	KML
7440-36-0	Antimony	ND		mg/kg dry	3.41	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:41	KML
7440-38-2	**Arsenic**	**4.78**		mg/kg dry	2.05	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:41	KML
7440-39-3	**Barium**	**56.5**		mg/kg dry	3.41	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:41	KML
7440-41-7	**Beryllium**	**0.258**		mg/kg dry	0.068	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:41	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.409	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:41	KML
7440-70-2	**Calcium**	**15900**		mg/kg dry	6.82	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:41	KML

Sample Information

Client Sample ID: SB008 (6-8) **York Sample ID:** 19E0591-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:00 am	05/13/2019

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**17.3**		mg/kg dry	0.682	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.83**		mg/kg dry	0.545	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**19.8**		mg/kg dry	2.73	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**17300**		mg/kg dry	34.1	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**20.1**		mg/kg dry	0.682	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**7310**		mg/kg dry	6.82	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**261**		mg/kg dry	0.682	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**16.6**		mg/kg dry	1.36	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1630**		mg/kg dry	6.82	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.41	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.682	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**284**		mg/kg dry	68.2	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.41	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**26.4**		mg/kg dry	1.36	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**50.8**		mg/kg dry	3.41	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:41	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.244**		mg/kg dry	0.0409	1	EPA 7473	05/22/2019 14:45	05/22/2019 21:02	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB008 (6-8) **York Sample ID:** 19E0591-22

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:00 am	05/13/2019

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	73.3		%	0.100	1	SM 2540G Certifications: CTDOH	05/17/2019 18:10	05/18/2019 15:58	TJM

Sample Information

Client Sample ID: SB008 (0-2) **York Sample ID:** 19E0591-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH

Sample Information

Client Sample ID: SB008 (0-2) **York Sample ID:** 19E0591-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-57-6	**2-Methylnaphthalene**	**0.0740**	J	mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 NELAC-NY10854,NJDEP,PADEP	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	**Acenaphthylene**	**0.0731**	J	mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.226	0.452	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 00:56 NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB008 (0-2) **York Sample ID:** 19E0591-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
92-87-5	Benzidine	ND		mg/kg dry	0.226	0.452	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
56-55-3	**Benzo(a)anthracene**	**0.188**		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
50-32-8	**Benzo(a)pyrene**	**0.261**		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
205-99-2	**Benzo(b)fluoranthene**	**0.261**		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.182**		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
207-08-9	**Benzo(k)fluoranthene**	**0.209**		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.113	0.225	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
218-01-9	**Chrysene**	**0.200**		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.0604**	J	mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 00:56	KH

Sample Information

Client Sample ID: SB008 (0-2) **York Sample ID:** 19E0591-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.281**		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.225**		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.131**		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**0.257**		mg/kg dry	0.0566	0.113	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.226	0.452	2	EPA 8270D	05/21/2019 08:26	05/23/2019 00:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*86.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*88.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*85.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*81.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*83.4 %*	*24-116*

Sample Information

Client Sample ID: SB008 (0-2) **York Sample ID:** 19E0591-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:05 am	05/13/2019

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**	**4130**		mg/kg dry	6.81	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.40	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.53**		mg/kg dry	2.04	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**62.1**		mg/kg dry	3.40	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.208**		mg/kg dry	0.068	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.409	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**34200**		mg/kg dry	6.81	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**7.93**		mg/kg dry	0.681	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.62**		mg/kg dry	0.545	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**37.5**		mg/kg dry	2.72	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**10600**		mg/kg dry	34.0	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**50.9**		mg/kg dry	0.681	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3390**		mg/kg dry	6.81	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**160**		mg/kg dry	0.681	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**13.1**		mg/kg dry	1.36	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**752**		mg/kg dry	6.81	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.40	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.681	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**214**		mg/kg dry	68.1	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.40	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**11.9**		mg/kg dry	1.36	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB008 (0-2) **York Sample ID:** 19E0591-23

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:05 am	05/13/2019

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**57.5**		mg/kg dry	3.40	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:43	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0673**		mg/kg dry	0.0409	1	EPA 7473	05/22/2019 14:45	05/22/2019 21:48	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**73.4**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB008 (4-6) **York Sample ID:** 19E0591-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D	05/21/2019 08:26	05/23/2019 01:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.220	2	EPA 8270D	05/21/2019 08:26	05/23/2019 01:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D	05/21/2019 08:26	05/23/2019 01:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D	05/21/2019 08:26	05/23/2019 01:26	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D	05/21/2019 08:26	05/23/2019 01:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D	05/21/2019 08:26	05/23/2019 01:26	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB008 (4-6) **York Sample ID:** 19E0591-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH

Sample Information

Client Sample ID: SB008 (4-6) **York Sample ID:** 19E0591-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
83-32-9	**Acenaphthene**	**0.105**	J	mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
62-53-3	Aniline	ND		mg/kg dry	0.220	0.440	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
120-12-7	**Anthracene**	**0.386**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
92-87-5	Benzidine	ND		mg/kg dry	0.220	0.440	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,PADEP	05/23/2019 01:26	KH
56-55-3	**Benzo(a)anthracene**	**0.742**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
50-32-8	**Benzo(a)pyrene**	**0.753**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
205-99-2	**Benzo(b)fluoranthene**	**0.590**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.457**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
207-08-9	**Benzo(k)fluoranthene**	**0.473**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.110	0.220	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:26	KH

Sample Information

Client Sample ID: SB008 (4-6) **York Sample ID:** 19E0591-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.654**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.141**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	**Dibenzofuran**	**0.0799**	J	mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**1.49**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	**Fluorene**	**0.122**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.495**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	**Naphthalene**	**0.0676**	J	mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**0.999**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 01:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB008 (4-6) **York Sample ID:** 19E0591-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
129-00-0	**Pyrene**	**1.42**		mg/kg dry	0.0551	0.110	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH
110-86-1	Pyridine	ND		mg/kg dry	0.220	0.440	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 01:26	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.9 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*79.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*71.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.8 %*	*24-116*

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**	**5780**		mg/kg dry	6.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-36-0	Antimony	ND		mg/kg dry	3.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-38-2	**Arsenic**	**29.7**		mg/kg dry	1.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-39-3	**Barium**	**154**		mg/kg dry	3.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-41-7	**Beryllium**	**0.199**		mg/kg dry	0.066	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-43-9	**Cadmium**	**1.30**		mg/kg dry	0.397	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-70-2	**Calcium**	**15500**		mg/kg dry	6.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-47-3	**Chromium**	**14.3**		mg/kg dry	0.661	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-48-4	**Cobalt**	**6.25**		mg/kg dry	0.529	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7440-50-8	**Copper**	**336**		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7439-89-6	**Iron**	**13400**		mg/kg dry	33.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML
7439-92-1	**Lead**	**455**		mg/kg dry	0.661	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:51	05/20/2019 18:45	KML

Sample Information

Client Sample ID: SB008 (4-6) **York Sample ID:** 19E0591-24

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 7:10 am	05/13/2019

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
7439-95-4	**Magnesium**	**5280**		mg/kg dry	6.61	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**235**		mg/kg dry	0.661	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**13.1**		mg/kg dry	1.32	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**850**		mg/kg dry	6.61	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.31	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.661	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**296**		mg/kg dry	66.1	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.31	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**19.0**		mg/kg dry	1.32	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**531**		mg/kg dry	3.31	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:45	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.746**		mg/kg dry	0.0397	1	EPA 7473	05/22/2019 14:45	05/22/2019 21:57	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.6**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

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	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

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
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**0.0059**	CCV-E, J	mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 17:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

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
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 17:58	RDS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 17:58	RDS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.027	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

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
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:58	RDS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 17:58	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/23/2019 01:55	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/23/2019 01:55	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/23/2019 01:55	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
62-53-3	Aniline	ND		mg/kg dry	0.189	0.379	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.379	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,PADEP	05/23/2019 01:55	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0946	0.189	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
108-95-2	Phenol	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0474	0.0946	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.379	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 01:55	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*88.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*85.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*89.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.5 %*	*21-113*

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.4 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.6 %*			*24-116*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10900**		mg/kg dry	5.69	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-36-0	Antimony	ND		mg/kg dry	2.85	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.71	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-39-3	**Barium**	**93.3**		mg/kg dry	2.85	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-43-9	**Cadmium**	**2.25**		mg/kg dry	0.342	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-70-2	**Calcium**	**16200**		mg/kg dry	5.69	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-47-3	**Chromium**	**18.5**		mg/kg dry	0.569	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-48-4	**Cobalt**	**11.9**		mg/kg dry	0.455	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-50-8	**Copper**	**18.9**		mg/kg dry	2.28	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7439-89-6	**Iron**	**16900**		mg/kg dry	28.5	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7439-92-1	**Lead**	**6.24**		mg/kg dry	0.569	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7439-95-4	**Magnesium**	**14700**		mg/kg dry	5.69	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7439-96-5	**Manganese**	**1760**		mg/kg dry	0.569	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-02-0	**Nickel**	**21.5**		mg/kg dry	1.14	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-09-7	**Potassium**	**3240**		mg/kg dry	5.69	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D Certifications:	05/20/2019 14:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 18:48	KML

Sample Information

Client Sample ID: SB009 (6-8) **York Sample ID:** 19E0591-25

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:10 am	05/13/2019

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**267**		mg/kg dry	56.9	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**28.0**		mg/kg dry	1.14	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**474**		mg/kg dry	2.85	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0342	1	EPA 7473	05/22/2019 14:45	05/22/2019 22:10	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.8**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

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	0.0031	0.0061	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:25	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:25	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:25	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.061	0.12	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

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
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	Acetone	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-02-8	Acrolein	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	**Methylene chloride**	**0.0068**	J	mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0061	0.012	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.031	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:25 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

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
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0061	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:25	RDS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 18:25	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/22/2019 00:15	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/22/2019 00:15	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/22/2019 00:15	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
83-32-9	Acenaphthene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
208-96-8	**Acenaphthylene**	**0.0727**	J	mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		mg/kg dry	0.194	0.387	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 NELAC-NY10854,NJDEP,PADEP	SR
120-12-7	**Anthracene**	**0.144**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 00:15 NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.387	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
56-55-3	**Benzo(a)anthracene**	**0.897**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
50-32-8	**Benzo(a)pyrene**	**1.04**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
205-99-2	**Benzo(b)fluoranthene**	**0.726**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.581**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
207-08-9	**Benzo(k)fluoranthene**	**0.712**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.0967	0.193	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
218-01-9	**Chrysene**	**0.833**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
53-70-3	**Dibenzo(a,h)anthracene**	**0.176**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR
206-44-0	**Fluoranthene**	**1.30**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/22/2019 00:15	SR

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.628**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
91-20-3	Naphthalene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
85-01-8	**Phenanthrene**	**0.447**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
108-95-2	Phenol	ND		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
129-00-0	**Pyrene**	**1.38**		mg/kg dry	0.0485	0.0967	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR
110-86-1	Pyridine	ND		mg/kg dry	0.194	0.387	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 00:15	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*59.5 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*70.3 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*83.4 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.7 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*146 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*		*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **SB009 (2-4)** **York Sample ID:** **19E0591-26**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

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**	**4740**		mg/kg dry	5.84	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**6.39**		mg/kg dry	1.75	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**278**		mg/kg dry	2.92	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.282**		mg/kg dry	0.058	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**1.21**		mg/kg dry	0.350	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**8070**		mg/kg dry	5.84	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**10.2**		mg/kg dry	0.584	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**8.13**		mg/kg dry	0.467	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**244**		mg/kg dry	2.33	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**10100**		mg/kg dry	29.2	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**357**		mg/kg dry	0.584	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1370**		mg/kg dry	5.84	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**145**		mg/kg dry	0.584	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**15.3**		mg/kg dry	1.17	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**560**		mg/kg dry	5.84	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.584	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**217**		mg/kg dry	58.4	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**22.8**		mg/kg dry	1.17	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**385**		mg/kg dry	2.92	1	EPA 6010D	05/20/2019 14:51	05/20/2019 18:50	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB009 (2-4) **York Sample ID:** 19E0591-26

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:00 am	05/13/2019

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**	**0.347**		mg/kg dry	0.0350	1	EPA 7473	05/22/2019 14:45	05/22/2019 22:18	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.7**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

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	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

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
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.3	8.6	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		mg/kg dry	0.43	0.86	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		mg/kg dry	0.43	0.86	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 12:57 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

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
74-97-5	Bromochloromethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
75-25-2	Bromoform	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
67-66-3	Chloroform	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
110-82-7	Cyclohexane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
98-82-8	**Isopropylbenzene**	**0.24**	J	mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C Certifications:	05/17/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.43	0.86	100	EPA 8260C Certifications:	05/17/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 12:57	SS

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

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
104-51-8	**n-Butylbenzene**	**0.63**		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.39**	J	mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.43	0.86	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**1.5**		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.21	2.1	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	**tert-Butylbenzene**	**0.40**	J	mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.21	0.43	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.64	1.3	100	EPA 8260C	05/17/2019 07:30	05/17/2019 12:57	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*89.4 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.3 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*154 %*	S-09	*76-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/23/2019 02:53	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/23/2019 02:53	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/23/2019 02:53	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 NELAC-NY10854,NJDEP,PADEP	KH
62-53-3	Aniline	ND		mg/kg dry	0.962	1.92	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 NELAC-NY10854,NJDEP,PADEP	KH
120-12-7	Anthracene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 NELAC-NY10854,NJDEP,PADEP	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 NELAC-NY10854,NJDEP,PADEP	KH
92-87-5	Benzidine	ND		mg/kg dry	0.962	1.92	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,PADEP	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 NELAC-NY10854,NJDEP,PADEP	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 NELAC-NY10854,NJDEP,PADEP	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.480	0.960	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 02:53 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
108-95-2	Phenol	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
129-00-0	Pyrene	ND		mg/kg dry	0.241	0.480	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH
110-86-1	Pyridine	ND		mg/kg dry	0.962	1.92	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 02:53	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.2 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*76.4 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*197 %*	S-01	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.6 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.8 %*		*24-116*

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**	**17900**		mg/kg dry	5.82	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:35	KML
7440-36-0	Antimony	ND		mg/kg dry	2.91	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:35	KML
7440-38-2	**Arsenic**	**2.37**		mg/kg dry	1.75	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:35	KML
7440-39-3	**Barium**	**166**		mg/kg dry	2.91	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:35	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:35	KML
7440-43-9	**Cadmium**	**0.426**		mg/kg dry	0.349	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:35	KML
7440-70-2	**Calcium**	**12400**		mg/kg dry	5.82	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:35	KML

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-47-3	**Chromium**	**26.5**		mg/kg dry	0.582	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**20.9**		mg/kg dry	0.465	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**44.2**		mg/kg dry	2.33	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**29700**		mg/kg dry	29.1	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**77.8**		mg/kg dry	0.582	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**15100**		mg/kg dry	5.82	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**226**		mg/kg dry	0.582	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**39.6**		mg/kg dry	1.16	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**8920**		mg/kg dry	5.82	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**801**		mg/kg dry	58.2	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**46.3**		mg/kg dry	1.16	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**104**		mg/kg dry	2.91	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:35	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.243**		mg/kg dry	0.0349	1	EPA 7473	05/22/2019 14:45	05/22/2019 22:27	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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

Sample Information

Client Sample ID: SB009 (8-10) **York Sample ID:** 19E0591-27

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 8:05 am	05/13/2019

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.9**		%	0.100	1	SM 2540G Certifications: CTDOH	05/17/2019 18:10	05/18/2019 15:58	TJM

Sample Information

Client Sample ID: SB010 (0-2) **York Sample ID:** 19E0591-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:45 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:22	KH

Sample Information

Client Sample ID: SB010 (0-2) **York Sample ID:** 19E0591-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:45 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
95-57-8	2-Chlorophenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
95-48-7	2-Methylphenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
88-74-4	2-Nitroaniline	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
88-75-5	2-Nitrophenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH NELAC-NY10854,NJDEP,PADEP
99-09-2	3-Nitroaniline	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
106-47-8	4-Chloroaniline	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-01-6	4-Nitroaniline	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-02-7	4-Nitrophenol	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
83-32-9	Acenaphthene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
208-96-8	Acenaphthylene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
98-86-2	Acetophenone	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH NELAC-NY10854,NJDEP,PADEP
62-53-3	Aniline	ND		mg/kg dry	5.15	10.3	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH NELAC-NY10854,NJDEP,PADEP
120-12-7	Anthracene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
1912-24-9	Atrazine	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:22	KH NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: SB010 (0-2)

York Sample ID: 19E0591-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:45 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-52-7	Benzaldehyde	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
92-87-5	Benzidine	ND		mg/kg dry	5.15	10.3	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,PADEP	05/23/2019 03:22	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
65-85-0	Benzoic acid	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
105-60-2	Caprolactam	ND		mg/kg dry	2.57	5.14	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
86-74-8	Carbazole	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
218-01-9	Chrysene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH

Sample Information

Client Sample ID: SB010 (0-2) **York Sample ID:** 19E0591-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:45 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
86-73-7	Fluorene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
78-59-1	Isophorone	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
91-20-3	Naphthalene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
85-01-8	Phenanthrene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
108-95-2	Phenol	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
129-00-0	Pyrene	ND		mg/kg dry	1.29	2.57	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH
110-86-1	Pyridine	ND		mg/kg dry	5.15	10.3	10	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:22	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*66.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*66.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*68.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.0 %*	*24-116*

Sample Information

Client Sample ID: SB010 (0-2) **York Sample ID:** 19E0591-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:45 pm	05/13/2019

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**	**3580**		mg/kg dry	6.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.12	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.89**		mg/kg dry	1.87	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**32.9**		mg/kg dry	3.12	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.062**	B	mg/kg dry	0.062	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**0.424**		mg/kg dry	0.374	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**73600**		mg/kg dry	6.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**11.1**		mg/kg dry	0.623	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**4.43**		mg/kg dry	0.499	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**21.2**		mg/kg dry	2.49	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**10900**		mg/kg dry	31.2	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**62.4**		mg/kg dry	0.623	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**39200**		mg/kg dry	6.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**240**		mg/kg dry	0.623	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**9.45**		mg/kg dry	1.25	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**847**		mg/kg dry	6.23	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**18.8**		mg/kg dry	3.12	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.623	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**156**		mg/kg dry	62.3	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.12	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**14.7**		mg/kg dry	1.25	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB010 (0-2) **York Sample ID:** 19E0591-28

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:45 pm	05/13/2019

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**72.7**		mg/kg dry	3.12	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:38	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.216**		mg/kg dry	0.0374	1	EPA 7473	05/22/2019 14:45	05/22/2019 22:36	SY
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**80.2**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SB010 (6-8) **York Sample ID:** 19E0591-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/21/2019 08:26	05/23/2019 03:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.218	2	EPA 8270D	05/21/2019 08:26	05/23/2019 03:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/21/2019 08:26	05/23/2019 03:51	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/21/2019 08:26	05/23/2019 03:51	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/21/2019 08:26	05/23/2019 03:51	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D	05/21/2019 08:26	05/23/2019 03:51	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB010 (6-8) **York Sample ID:** 19E0591-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH

Sample Information

Client Sample ID: SB010 (6-8) **York Sample ID:** 19E0591-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
62-53-3	Aniline	ND		mg/kg dry	0.218	0.437	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
120-12-7	**Anthracene**	**0.0819**	J	mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
92-87-5	Benzidine	ND		mg/kg dry	0.218	0.437	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,PADEP	05/23/2019 03:51	KH
56-55-3	**Benzo(a)anthracene**	**0.252**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
50-32-8	**Benzo(a)pyrene**	**0.281**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
205-99-2	**Benzo(b)fluoranthene**	**0.219**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.196**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
207-08-9	**Benzo(k)fluoranthene**	**0.186**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.218	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/23/2019 03:51	KH

Sample Information

Client Sample ID: SB010 (6-8) **York Sample ID:** 19E0591-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	**Chrysene**	**0.227**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	**Fluoranthene**	**0.459**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.217**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
85-01-8	**Phenanthrene**	**0.315**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 03:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: SB010 (6-8) **York Sample ID:** 19E0591-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:50 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
129-00-0	**Pyrene**	**0.383**		mg/kg dry	0.0546	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH
110-86-1	Pyridine	ND		mg/kg dry	0.218	0.437	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 03:51	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*77.8 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*79.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*74.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.1 %*	*24-116*

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**	**5830**		mg/kg dry	6.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-36-0	Antimony	ND		mg/kg dry	3.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-38-2	**Arsenic**	**4.18**		mg/kg dry	1.98	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-39-3	**Barium**	**53.1**		mg/kg dry	3.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.066	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.396	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-70-2	**Calcium**	**2900**		mg/kg dry	6.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-47-3	**Chromium**	**12.9**		mg/kg dry	0.660	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-48-4	**Cobalt**	**8.36**		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7440-50-8	**Copper**	**35.0**		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7439-89-6	**Iron**	**10600**		mg/kg dry	33.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML
7439-92-1	**Lead**	**52.1**		mg/kg dry	0.660	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:40	KML

Sample Information

Client Sample ID: SB010 (6-8) **York Sample ID:** 19E0591-29

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:50 pm	05/13/2019

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
7439-95-4	**Magnesium**	**3060**		mg/kg dry	6.60	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**183**		mg/kg dry	0.660	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**17.0**		mg/kg dry	1.32	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1260**		mg/kg dry	6.60	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.30	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.660	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**290**		mg/kg dry	66.0	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.30	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**19.1**		mg/kg dry	1.32	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**56.3**		mg/kg dry	3.30	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.258**		mg/kg dry	0.0396	1	EPA 7473	05/22/2019 14:45	05/22/2019 22:45	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.7**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB010 (2-4) **York Sample ID:** 19E0591-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:30 pm	05/13/2019

Sample Information

Client Sample ID: **SB010 (2-4)** **York Sample ID:** **19E0591-30**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:30 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.551**		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.105	0.210	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: NELAC-NY10854,PADEP			
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: NELAC-NY10854,PADEP			
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: NELAC-NY10854,PADEP			
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.105	0.210	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.105	0.210	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	**2-Methylnaphthalene**	**1.14**		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D	05/21/2019 08:26	05/22/2019 01:20	SR
								Certifications: NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB010 (2-4) **York Sample ID:** 19E0591-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:30 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.105	0.210	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.105	0.210	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.105	0.210	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
83-32-9	**Acenaphthene**	**3.12**		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
208-96-8	**Acenaphthylene**	**0.186**		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		mg/kg dry	0.210	0.421	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 NELAC-NY10854,NJDEP,PADEP	SR
120-12-7	**Anthracene**	**6.73**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		mg/kg dry	0.210	0.421	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 CTDOH,NELAC-NY10854,PADEP	SR
56-55-3	**Benzo(a)anthracene**	**22.7**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
50-32-8	**Benzo(a)pyrene**	**23.5**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
205-99-2	**Benzo(b)fluoranthene**	**19.7**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
191-24-2	**Benzo(g,h,i)perylene**	**14.0**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
207-08-9	**Benzo(k)fluoranthene**	**15.2**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:20 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 NELAC-NY10854,NJDEP,PADEP	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 01:20 NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: SB010 (2-4) **York Sample ID:** 19E0591-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:30 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.105	0.210	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
86-74-8	**Carbazole**	**1.57**		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
218-01-9	**Chrysene**	**20.3**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 04:20	KH
53-70-3	**Dibenzo(a,h)anthracene**	**3.42**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 04:20	KH
132-64-9	**Dibenzofuran**	**2.24**		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
206-44-0	**Fluoranthene**	**48.2**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 04:20	KH
86-73-7	**Fluorene**	**2.42**		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**16.0**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 04:20	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
91-20-3	**Naphthalene**	**8.47**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 04:20	KH

Sample Information

Client Sample ID: SB010 (2-4) **York Sample ID:** 19E0591-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:30 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
85-01-8	**Phenanthrene**	**30.7**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 04:20	KH
108-95-2	Phenol	ND		mg/kg dry	0.0526	0.105	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR
129-00-0	**Pyrene**	**40.9**		mg/kg dry	0.658	1.31	25	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/23/2019 04:20	KH
110-86-1	Pyridine	ND		mg/kg dry	0.210	0.421	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 01:20	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.9 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*76.4 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.8 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*150 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*		*24-116*

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**	**5660**		mg/kg dry	6.36	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:42	KML
7440-36-0	Antimony	ND		mg/kg dry	3.18	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:42	KML
7440-38-2	**Arsenic**	**5.33**		mg/kg dry	1.91	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:42	KML
7440-39-3	**Barium**	**55.0**		mg/kg dry	3.18	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:42	KML
7440-41-7	**Beryllium**	**0.084**	B	mg/kg dry	0.064	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:42	KML
7440-43-9	**Cadmium**	**2.40**		mg/kg dry	0.382	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:42	KML

Sample Information

Client Sample ID: SB010 (2-4) **York Sample ID:** 19E0591-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:30 pm	05/13/2019

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**16900**		mg/kg dry	6.36	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**9.77**		mg/kg dry	0.636	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**5.11**		mg/kg dry	0.509	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**1430**		mg/kg dry	2.54	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**13500**		mg/kg dry	31.8	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**779**		mg/kg dry	0.636	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**7550**		mg/kg dry	6.36	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**240**		mg/kg dry	0.636	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**19.7**		mg/kg dry	1.27	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**923**		mg/kg dry	6.36	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.18	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.636	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**198**		mg/kg dry	63.6	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.18	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**15.4**		mg/kg dry	1.27	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**1430**		mg/kg dry	3.18	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:42	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.315**		mg/kg dry	0.0382	1	EPA 7473	05/22/2019 14:45	05/22/2019 22:55	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Information

Client Sample ID: SB010 (2-4) **York Sample ID:** 19E0591-30

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 1:30 pm	05/13/2019

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**	**78.6**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

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	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 14:45	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	**Acetone**	**1.06**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:45 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

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
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 14:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 14:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

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
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:45	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 14:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.1 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*70-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 15:56	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 15:56	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 15:56	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/28/2019 15:56	KH

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

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
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

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
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
92-87-5	Benzidine	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
65-85-0	Benzoic acid	ND		ug/L	28.6	57.1	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH
110-86-1	Pyridine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/28/2019 15:56	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.7 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*36.7 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*107 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*97.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*112 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.9 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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**	**0.0800**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH
208-96-8	**Acenaphthylene**	**0.206**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH
120-12-7	**Anthracene**	**0.229**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:25	KH
56-55-3	**Benzo(a)anthracene**	**0.823**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH
50-32-8	**Benzo(a)pyrene**	**0.971**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH
205-99-2	**Benzo(b)fluoranthene**	**1.04**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.434**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH
207-08-9	**Benzo(k)fluoranthene**	**0.823**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:25	KH
218-01-9	**Chrysene**	**0.846**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:25	KH

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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
53-70-3	**Dibenzo(a,h)anthracene**	**0.171**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**1.69**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.0914**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.400**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0914**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.903**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.49**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:25	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 12:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 12:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 12:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 12:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 12:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 12:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 12:55	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

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	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 12:55	CM
57-74-9	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	05/16/2019 10:56	05/20/2019 12:55	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.7 %*	*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	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/23/2019 17:24	SR
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/23/2019 17:24	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/23/2019 17:24	SR

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

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
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/23/2019 17:24	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/23/2019 17:24	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/23/2019 17:24	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/23/2019 17:24	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56	05/23/2019 17:24	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7020**		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7440-39-3	**Barium**	**336**		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7440-70-2	**Calcium**	**203000**		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7440-47-3	**Chromium**	**50.2**		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7440-48-4	**Cobalt**	**15.3**		ug/L	4.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7440-50-8	**Copper**	**125**		ug/L	22.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7439-89-6	**Iron**	**56800**		ug/L	278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7439-92-1	**Lead**	**711**		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7439-95-4	**Magnesium**	**39700**		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7439-96-5	**Manganese**	**2770**		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7440-02-0	**Nickel**	**37.1**		ug/L	11.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML
7440-09-7	**Potassium**	**21800**		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:21	KML

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**525000**		ug/L	556	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**50.9**		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**408**		ug/L	27.8	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:21	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.128**		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**157**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**27.7**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.52**		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**15.6**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**453**		mg/L	0.556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:51	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW001 **York Sample ID:** 19E0591-31

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 7:30 am	05/13/2019

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 13:20	BML
7440-38-2	**Arsenic**	**28.3**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 13:20	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 13:20	BML
7440-43-9	**Cadmium**	**1.30**		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 13:20	BML
7782-49-2	**Selenium**	**20.5**		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 13:20	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 13:20	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:11	BML
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:11	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:11	BML
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:11	BML
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:11	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:11	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 09:41	05/16/2019 11:11	SY

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 10:01	05/21/2019 10:35	SY

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

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:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 15:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

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
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 15:17	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

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
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 15:17	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 15:17	SS
99-87-6	**p-Isopropyltoluene**	**5.51**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

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
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 15:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 15:17	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.6 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*123 %*	*70-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 17:04	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 17:04	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 17:04	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

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
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:04 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:04	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.3 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*67.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.6 %*	*30.7-106*

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

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	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
120-12-7	**Anthracene**	**0.100**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 17:42	KH
56-55-3	**Benzo(a)anthracene**	**0.300**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
50-32-8	**Benzo(a)pyrene**	**0.344**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
205-99-2	**Benzo(b)fluoranthene**	**0.289**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.222**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
207-08-9	**Benzo(k)fluoranthene**	**0.267**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 17:42	KH
218-01-9	**Chrysene**	**0.311**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.0889**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
206-44-0	**Fluoranthene**	**0.611**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 17:42	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 17:42	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 17:42	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.200**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
91-20-3	**Naphthalene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 17:42	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 17:42	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 17:42	KH
85-01-8	**Phenanthrene**	**0.289**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 17:42	KH

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

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
129-00-0	**Pyrene**	**0.744**		ug/L	0.0556	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 17:42	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:16	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

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
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:16	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:16	CM
57-74-9	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	05/16/2019 10:56	05/17/2019 23:16	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.2 %*	*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	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:32	SR
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:32	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:32	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:32	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:32	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:32	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:32	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 13:32	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**899**		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:23	KML
7440-39-3	**Barium**	**83.2**		ug/L	27.8	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:23	KML

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**172000**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**3940**		ug/L	278	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**16.6**		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**265000**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**409**		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**95600**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**3030000**		ug/L	5560	10	EPA 6010D	05/15/2019 13:45	05/20/2019 10:40	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**59.0**		ug/L	27.8	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:23	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0755**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0685**		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**162**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

Metals, Target Analyte, ICP Dissolved

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
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**248**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.393**		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**88.4**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**3250**		mg/L	5.56	10	EPA 6010D	05/17/2019 16:32	05/20/2019 11:44	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0302**		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

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**	**1.13**		ug/L	1.11	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**1.32**		ug/L	1.11	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**84.5**		ug/L	1.11	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:24	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:16	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW002 **York Sample ID:** 19E0591-32

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 10:00 am	05/13/2019

Metals, Target Analyte, ICPMS Dissolved

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
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:16	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:16	BML
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:16	BML
7782-49-2	**Selenium**	**58.9**		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:16	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:16	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 09:41	05/16/2019 11:22	SY

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 10:01	05/21/2019 10:46	SY

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

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	05/16/2019 07:30	05/16/2019 17:23	SS
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	05/16/2019 07:30	05/16/2019 17:23	SS
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	05/16/2019 07:30	05/16/2019 17:23	SS

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 17:23	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

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
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

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
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 17:23	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 17:23	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

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
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:23	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 17:23	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*100 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*70-130*

Semi-Volatiles, 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	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 17:51	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 17:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 17:51	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 NELAC-NY10854,NJDEP,PADEP	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 NELAC-NY10854,NJDEP,PADEP	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 17:51 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

Semi-Volatiles, 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
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 17:51	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.7 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*15.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.4 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.1 %*	*30.7-106*

Semi-Volatiles, 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

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

Semi-Volatiles, 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	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:13	KH
56-55-3	**Benzo(a)anthracene**	**0.100**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
50-32-8	**Benzo(a)pyrene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
205-99-2	**Benzo(b)fluoranthene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.100**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
207-08-9	**Benzo(k)fluoranthene**	**0.0889**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:13	KH
218-01-9	**Chrysene**	**0.0778**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
206-44-0	**Fluoranthene**	**0.167**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:13	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:13	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:13	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0778**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:13	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:13	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:13	KH
85-01-8	**Phenanthrene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:13	KH

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

Semi-Volatiles, 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
129-00-0	**Pyrene**	**0.144**		ug/L	0.0556	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/17/2019 23:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

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
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:31	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:31	CM
57-74-9	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	05/16/2019 10:56	05/17/2019 23:31	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.7 %*	*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	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:45	SR
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:45	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:45	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:45	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:45	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:45	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 13:45	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 13:45	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**536**		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:31	KML
7440-39-3	**Barium**	**39.5**		ug/L	27.8	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:31	KML

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**80600**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**822**		ug/L	278	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**94700**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**48.1**		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**33700**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**905000**		ug/L	556	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**29.4**		ug/L	27.8	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:31	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0346**		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**77.5**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:56	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

Metals, Target Analyte, ICP Dissolved

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
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7439-95-4	**Magnesium**	**88.1**		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7439-96-5	**Manganese**	**0.0202**		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7440-09-7	**Potassium**	**31.2**		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7440-23-5	**Sodium**	**847**		mg/L	0.556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:56	KML

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**	**1.38**		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:39	BML
7440-38-2	**Arsenic**	**4.26**		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:39	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:39	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:39	BML
7782-49-2	**Selenium**	**32.4**		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:39	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:39	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:21	BML

Sample Information

Client Sample ID: MW003 **York Sample ID:** 19E0591-33

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 11:00 am	05/13/2019

Metals, Target Analyte, ICPMS Dissolved

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
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:21	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:21	BML
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:21	BML
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:21	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:21	BML

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473 Certifications:	05/16/2019 09:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 11:57	SY

Mercury by 7473, Dissolved

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

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473 Certifications:	05/21/2019 10:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 11:22	SY

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

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:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 17:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

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
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
67-64-1	**Acetone**	**1.80**	J	ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-15-0	**Carbon disulfide**	**0.450**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

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
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
98-82-8	**Isopropylbenzene**	**10.6**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
108-87-2	**Methylcyclohexane**	**0.260**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
104-51-8	**n-Butylbenzene**	**1.64**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
103-65-1	**n-Propylbenzene**	**16.4**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 17:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 17:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
135-98-8	**sec-Butylbenzene**	**5.96**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
98-06-6	**tert-Butylbenzene**	**1.91**		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

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
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 17:54	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 17:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.6 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*70-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/28/2019 16:25	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/28/2019 16:25	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/28/2019 16:25	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
108-95-2	**Phenol**	**4.72**	J	ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/28/2019 16:25	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*53.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*34.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*104 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*93.7 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*121 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*106 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
120-12-7	**Anthracene**	**0.0889**	IS-01	ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
1912-24-9	Atrazine	ND	IS-01	ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:56	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:56	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
206-44-0	**Fluoranthene**	**0.0778**	IS-01	ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
86-73-7	**Fluorene**	**0.0778**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
118-74-1	Hexachlorobenzene	ND	IS-01	ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:56	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:56	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:56	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
91-20-3	**Naphthalene**	**0.811**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:56	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:56	KH
87-86-5	Pentachlorophenol	ND	IS-01	ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 22:56	KH
85-01-8	**Phenanthrene**	**0.300**	IS-01	ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 22:56	KH

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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
129-00-0	**Pyrene**	**0.0778**		ug/L	0.0556	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 22:56	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B	05/16/2019 10:56	05/20/2019 13:10	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

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
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 13:10	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 13:10	CM
57-74-9	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	05/16/2019 10:56	05/20/2019 13:10	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*48.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.5 %*	*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	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 17:37	SR
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 17:37	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 17:37	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 17:37	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 17:37	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 17:37	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/23/2019 17:37	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56	05/23/2019 17:37	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17800**		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:34	KML
7440-39-3	**Barium**	**271**		ug/L	27.8	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:34	KML

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**202000**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**34.8**		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**17.3**		ug/L	4.44	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**398**		ug/L	22.2	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**20300**		ug/L	278	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**203**		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**110000**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**610**		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**29.5**		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**80900**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**1630000**		ug/L	5560	10	EPA 6010D	05/15/2019 13:45	05/20/2019 10:43	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**47.9**		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**933**		ug/L	27.8	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:34	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0822**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.0937**		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**103**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/17/2019 16:32	05/20/2019 10:59	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

Metals, Target Analyte, ICP Dissolved

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
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7439-95-4	**Magnesium**	**75.9**		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7439-96-5	**Manganese**	**0.0308**		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7440-09-7	**Potassium**	**70.6**		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7440-23-5	**Sodium**	**1260**		mg/L	0.556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7440-62-2	**Vanadium**	**0.0202**		mg/L	0.0111	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 10:59	KML

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**	**1.25**		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:44	BML
7440-38-2	**Arsenic**	**16.4**		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:44	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:44	BML
7440-43-9	**Cadmium**	**2.31**		ug/L	0.556	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:44	BML
7782-49-2	**Selenium**	**56.4**		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:44	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:44	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:26	BML

Sample Information

Client Sample ID: MW004 **York Sample ID:** 19E0591-34

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:15 pm	05/13/2019

Metals, Target Analyte, ICPMS Dissolved

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
7440-38-2	**Arsenic**	**20.3**		ug/L	11.1	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**12.7**		ug/L	11.1	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:26	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473	05/16/2019 09:41	05/16/2019 12:08	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473, Dissolved

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

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473	05/21/2019 10:01	05/21/2019 11:33	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUPE001 **York Sample ID:** 19E0591-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D	05/21/2019 08:26	05/23/2019 04:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.109	0.217	2	EPA 8270D	05/21/2019 08:26	05/23/2019 04:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D	05/21/2019 08:26	05/23/2019 04:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUPE001 **York Sample ID:** 19E0591-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
91-57-6	**2-Methylnaphthalene**	**0.109**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH

Sample Information

Client Sample ID: DUPE001 **York Sample ID:** 19E0591-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
83-32-9	**Acenaphthene**	**0.108**	J	mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
208-96-8	**Acenaphthylene**	**0.162**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
98-86-2	Acetophenone	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH NELAC-NY10854,NJDEP,PADEP
62-53-3	Aniline	ND		mg/kg dry	0.217	0.435	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH NELAC-NY10854,NJDEP,PADEP
120-12-7	**Anthracene**	**0.304**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
1912-24-9	Atrazine	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH NELAC-NY10854,NJDEP,PADEP
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH NELAC-NY10854,NJDEP,PADEP
92-87-5	Benzidine	ND		mg/kg dry	0.217	0.435	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,PADEP
56-55-3	**Benzo(a)anthracene**	**1.14**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
50-32-8	**Benzo(a)pyrene**	**1.50**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
205-99-2	**Benzo(b)fluoranthene**	**1.22**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
191-24-2	**Benzo(g,h,i)perylene**	**1.00**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
207-08-9	**Benzo(k)fluoranthene**	**1.11**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
65-85-0	Benzoic acid	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH NELAC-NY10854,NJDEP,PADEP
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications:	05/21/2019 08:26	05/23/2019 04:49	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: DUPE001 **York Sample ID:** 19E0591-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.109	0.217	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
86-74-8	**Carbazole**	**0.246**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
218-01-9	**Chrysene**	**1.27**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.269**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
132-64-9	**Dibenzofuran**	**0.128**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
206-44-0	**Fluoranthene**	**2.83**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
86-73-7	**Fluorene**	**0.169**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.18**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
91-20-3	**Naphthalene**	**0.135**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH

Sample Information

Client Sample ID: DUPE001 **York Sample ID:** 19E0591-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
85-01-8	**Phenanthrene**	**1.99**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
108-95-2	Phenol	ND		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
129-00-0	**Pyrene**	**2.22**		mg/kg dry	0.0544	0.109	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH
110-86-1	Pyridine	ND		mg/kg dry	0.217	0.435	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 08:26	05/23/2019 04:49	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*79.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*84.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.1 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*33.7 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.6 %*	*24-116*

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**	**9690**		mg/kg dry	6.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML
7440-36-0	Antimony	ND		mg/kg dry	3.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML
7440-38-2	**Arsenic**	**3.94**		mg/kg dry	1.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML
7440-39-3	**Barium**	**39.2**		mg/kg dry	3.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML
7440-41-7	**Beryllium**	**0.325**	B	mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.392	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML
7440-70-2	**Calcium**	**6000**		mg/kg dry	6.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML
7440-47-3	**Chromium**	**12.7**		mg/kg dry	0.653	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML
7440-48-4	**Cobalt**	**7.92**		mg/kg dry	0.523	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 14:50	05/20/2019 20:44	KML

Sample Information

Client Sample ID: DUPE001 **York Sample ID:** 19E0591-35

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**18.8**		mg/kg dry	2.61	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**15600**		mg/kg dry	32.7	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**24.8**		mg/kg dry	0.653	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3730**		mg/kg dry	6.53	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**254**		mg/kg dry	0.653	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**15.3**		mg/kg dry	1.31	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1060**		mg/kg dry	6.53	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.27	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.653	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**207**		mg/kg dry	65.3	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.27	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**16.8**		mg/kg dry	1.31	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**43.3**		mg/kg dry	3.27	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.142**		mg/kg dry	0.0392	1	EPA 7473	05/22/2019 14:45	05/22/2019 23:03	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**76.5**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: DUPE002 **York Sample ID:** 19E0591-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/22/2019 02:23	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/22/2019 02:23	SR
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,PADEP	05/22/2019 02:23	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR

Sample Information

Client Sample ID: DUPE002 **York Sample ID:** 19E0591-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
83-32-9	**Acenaphthene**	**0.108**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		mg/kg dry	0.213	0.425	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 NELAC-NY10854,NJDEP,PADEP	SR
120-12-7	**Anthracene**	**0.515**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
1912-24-9	Atrazine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		mg/kg dry	0.213	0.425	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,PADEP	SR
56-55-3	**Benzo(a)anthracene**	**1.08**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
50-32-8	**Benzo(a)pyrene**	**1.28**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
205-99-2	**Benzo(b)fluoranthene**	**0.921**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.689**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
207-08-9	**Benzo(k)fluoranthene**	**0.765**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65-85-0	Benzoic acid	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 NELAC-NY10854,NJDEP,PADEP	SR
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: DUPE002 **York Sample ID:** 19E0591-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-60-2	Caprolactam	ND		mg/kg dry	0.106	0.212	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 NELAC-NY10854,NJDEP,PADEP	SR
86-74-8	Carbazole	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
218-01-9	**Chrysene**	**0.948**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
53-70-3	**Dibenzo(a,h)anthracene**	**0.214**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
132-64-9	**Dibenzofuran**	**0.0815**	J	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
206-44-0	**Fluoranthene**	**2.23**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
86-73-7	**Fluorene**	**0.138**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 NELAC-NY10854,NJDEP,PADEP	SR
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.779**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
78-59-1	Isophorone	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-20-3	**Naphthalene**	**0.0611**	J	mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26	05/22/2019 02:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: DUPE002 **York Sample ID:** 19E0591-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
85-01-8	**Phenanthrene**	**1.39**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
108-95-2	Phenol	ND		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
129-00-0	**Pyrene**	**1.95**		mg/kg dry	0.0532	0.106	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR
110-86-1	Pyridine	ND		mg/kg dry	0.213	0.425	2	EPA 8270D Certifications:	05/21/2019 08:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/22/2019 02:23	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.6 %*		*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*37.0 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.5 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.0 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*147 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.2 %*		*24-116*

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**	**5370**		mg/kg dry	6.39	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:46	KML
7440-36-0	Antimony	ND		mg/kg dry	3.20	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:46	KML
7440-38-2	**Arsenic**	**5.95**		mg/kg dry	1.92	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:46	KML
7440-39-3	**Barium**	**41.5**		mg/kg dry	3.20	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:46	KML
7440-41-7	**Beryllium**	**0.101**	B	mg/kg dry	0.064	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:46	KML
7440-43-9	**Cadmium**	**1.42**		mg/kg dry	0.383	1	EPA 6010D Certifications:	05/20/2019 14:50 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 20:46	KML

Sample Information

Client Sample ID: DUPE002 **York Sample ID:** 19E0591-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	**Calcium**	**16500**		mg/kg dry	6.39	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**8.29**		mg/kg dry	0.639	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**4.98**		mg/kg dry	0.511	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**381**		mg/kg dry	2.56	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**10100**		mg/kg dry	32.0	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**135**		mg/kg dry	0.639	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**8910**		mg/kg dry	6.39	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**232**		mg/kg dry	0.639	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**10.3**		mg/kg dry	1.28	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**800**		mg/kg dry	6.39	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	3.20	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.639	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**273**		mg/kg dry	63.9	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	3.20	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**16.1**		mg/kg dry	1.28	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**645**		mg/kg dry	3.20	1	EPA 6010D	05/20/2019 14:50	05/20/2019 20:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.613**		mg/kg dry	0.0383	1	EPA 7473	05/22/2019 14:45	05/22/2019 23:13	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DUPE002 **York Sample ID:** 19E0591-36

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:00 am	05/13/2019

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**	**78.2**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:27	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:27	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 18:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 18:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 18:27	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*70-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 19:26	SR

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 19:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 19:26	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 19:26	SR

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:** EXT-EM

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
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		ug/L	5.41	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65-85-0	Benzoic acid	ND		ug/L	27.0	54.1	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 NELAC-NY10854,NJDEP,PADEP	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 NELAC-NY10854,NJDEP,PADEP	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 NELAC-NY10854,NJDEP,PADEP	SR
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 19:26 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 19:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 19:26	SR
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 19:26	SR
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 19:26	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.0 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.0 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.4 %*	*30.7-106*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

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	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:44	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:44	KH
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

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	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
86-73-7	Fluorene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:44	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:44	KH
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
91-20-3	Naphthalene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:44	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:44	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 18:44	KH
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 18:44	KH

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	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/17/2019 23:46	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/17/2019 23:46	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/17/2019 23:46	CM
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/17/2019 23:46	CM
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/17/2019 23:46	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/17/2019 23:46	CM
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/17/2019 23:46	CM
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/17/2019 23:46	CM

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:46	CM
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B Certifications:	05/16/2019 10:56	05/17/2019 23:46	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.4 %*	*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	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:12	SR
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:12	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:12	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 14:12	SR

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:12	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:12	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:12	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 14:12	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**492**		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-39-3	**Barium**	**40.0**		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-70-2	**Calcium**	**81200**		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7439-89-6	**Iron**	**773**		ug/L	278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7439-95-4	**Magnesium**	**95700**		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7439-96-5	**Manganese**	**49.6**		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-09-7	**Potassium**	**34200**		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-23-5	**Sodium**	**933000**		ug/L	556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML
7440-66-6	**Zinc**	**27.9**		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:36	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0728**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-39-3	**Barium**	**0.0350**		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-70-2	**Calcium**	**77.9**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7439-95-4	**Magnesium**	**88.2**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7439-96-5	**Manganese**	**0.0204**		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-09-7	**Potassium**	**31.3**		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-23-5	**Sodium**	**857**		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:01	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: DUPE003 **York Sample ID:** 19E0591-37

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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**	**1.34**		ug/L	1.11	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:49	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.97**		ug/L	1.11	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:49	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:49	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:49	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	**Selenium**	**27.5**		ug/L	1.11	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:49	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B	05/15/2019 13:47	05/16/2019 13:49	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B	05/17/2019 16:34	05/20/2019 15:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473	05/16/2019 09:41	05/16/2019 13:19	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473	05/21/2019 10:01	05/21/2019 11:44	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB009 (8-10) E

York Sample ID: 19E0591-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:35 am	05/13/2019

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	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/17/2019 07:30	05/17/2019 13:48	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/17/2019 07:30	05/17/2019 13:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
95-63-6	**1,2,4-Trimethylbenzene**	**160**		mg/kg dry	2.8	5.6	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 14:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
108-67-8	**1,3,5-Trimethylbenzene**	**63**		mg/kg dry	2.8	5.6	1000	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 14:13	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
123-91-1	1,4-Dioxane	ND		mg/kg dry	14	28	250	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/17/2019 07:30	05/17/2019 13:48	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/17/2019 07:30	05/17/2019 13:48	SS

Sample Information

Client Sample ID: SB009 (8-10) E

York Sample ID: 19E0591-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:35 am	05/13/2019

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
78-93-3	2-Butanone	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		mg/kg dry	1.4	2.8	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		mg/kg dry	1.4	2.8	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB009 (8-10) E

York Sample ID: 19E0591-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:35 am	05/13/2019

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
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	**Ethyl Benzene**	**1.1**	J	mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	**Isopropylbenzene**	**13**		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-20-9	Methyl acetate	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-87-2	**Methylcyclohexane**	**4.2**		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		mg/kg dry	1.4	2.8	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	**n-Butylbenzene**	**17**		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	**n-Propylbenzene**	**33**		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	**o-Xylene**	**0.81**	J	mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	1.4	2.8	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	**p-Isopropyltoluene**	**19**		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	**sec-Butylbenzene**	**24**		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.70	7.0	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	**tert-Butylbenzene**	**2.0**		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C Certifications:	05/17/2019 07:30	05/17/2019 13:48 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: SB009 (8-10) E **York Sample ID:** 19E0591-38

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:35 am	05/13/2019

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
79-01-6	Trichloroethylene	ND		mg/kg dry	0.70	1.4	250	EPA 8260C	05/17/2019 07:30	05/17/2019 13:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.70	1.4	250	EPA 8260C	05/17/2019 07:30	05/17/2019 13:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.70	1.4	250	EPA 8260C	05/17/2019 07:30	05/17/2019 13:48	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.70	1.4	250	EPA 8260C	05/17/2019 07:30	05/17/2019 13:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	2.1	4.2	250	EPA 8260C	05/17/2019 07:30	05/17/2019 13:48	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.0 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.4 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*135 %*	S-09	*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**	**90.7**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: SB009 (8-10) N **York Sample ID:** 19E0591-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:30 am	05/13/2019

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	0.0033	0.0065	1	EPA 8260C	05/16/2019 07:30	05/16/2019 19:44	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C	05/16/2019 07:30	05/16/2019 19:44	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C	05/16/2019 07:30	05/16/2019 19:44	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: SB009 (8-10) N

York Sample ID: 19E0591-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:30 am	05/13/2019

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.065	0.13	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
78-93-3	**2-Butanone**	**0.0088**	CCV-E	mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: SB009 (8-10) N

York Sample ID: 19E0591-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:30 am	05/13/2019

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
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**0.037**	CCV-E	mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-02-8	Acrolein	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: SB009 (8-10) N

York Sample ID: 19E0591-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:30 am	05/13/2019

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.033	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:44 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: SB009 (8-10) N **York Sample ID:** 19E0591-39

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 11:30 am	05/13/2019

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
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0065	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 07:30	05/16/2019 19:44	RDS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0098	0.020	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 07:30	05/16/2019 19:44	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.4 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.9**		%	0.100	1	SM 2540G Certifications: CTDOH	05/17/2019 18:10	05/18/2019 15:58	TJM

Sample Information

Client Sample ID: SB009 (8-10) W **York Sample ID:** 19E0591-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:30 pm	05/13/2019

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	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 07:30	05/16/2019 20:11	RDS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 07:30	05/16/2019 20:11	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 07:30	05/16/2019 20:11	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 07:30	05/16/2019 20:11	RDS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 07:30	05/16/2019 20:11	RDS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 07:30	05/16/2019 20:11	RDS

Sample Information

Client Sample ID: SB009 (8-10) W

York Sample ID: 19E0591-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:30 pm	05/13/2019

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
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.068	0.14	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**0.0074**	CCV-E, J	mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: SB009 (8-10) W

York Sample ID: 19E0591-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:30 pm	05/13/2019

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
107-02-8	Acrolein	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:11	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: SB009 (8-10) W

York Sample ID: 19E0591-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:30 pm	05/13/2019

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
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
75-09-2	**Methylene chloride**	**0.010**	J	mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 20:11	RDS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 20:11	RDS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.034	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0034	0.0068	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:11	RDS
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 20:11	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.1 %*	*77-125*

Sample Information

Client Sample ID: SB009 (8-10) W **York Sample ID:** 19E0591-40

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Soil	May 10, 2019 12:30 pm	05/13/2019

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
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*102 %*			*76-130*						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.1**		%	0.100	1	SM 2540G	05/17/2019 18:10	05/18/2019 15:58	TJM
							Certifications: CTDOH			

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 18:58	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 18:58	SS

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 18:58 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*70-130*

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 20:13	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 20:13	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 20:13	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65-85-0	Benzoic acid	ND		ug/L	28.6	57.1	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 NELAC-NY10854,NJDEP,PADEP	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 NELAC-NY10854,NJDEP,PADEP	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 NELAC-NY10854,NJDEP,PADEP	SR
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 20:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR
110-86-1	Pyridine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 20:13	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.1 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*62.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*73.0 %*	*30.7-106*

Semi-Volatiles, 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	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 19:16	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 19:16	KH
120-12-7	Anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 19:16	KH
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP	05/29/2019 19:16	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 19:16	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 19:16	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 19:16	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 19:16	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 19:16	KH

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:16	KH
218-01-9	Chrysene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:16	KH
206-44-0	Fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:16	KH
86-73-7	**Fluorene**	**0.320**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:16	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:16	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:16	KH
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:16	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:16	KH
91-20-3	Naphthalene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:16	KH
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:16	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:16	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:16	KH
85-01-8	Phenanthrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:16	KH
129-00-0	Pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:16	KH

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	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/18/2019 00:01	CM
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B Certifications:	05/16/2019 10:56	05/18/2019 00:01	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.8 %*	*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	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:26	SR

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:26	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:26	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:26	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:26	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:26	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:26	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 14:26	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7440-39-3	Barium	ND		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7440-70-2	Calcium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7439-89-6	**Iron**	**329**		ug/L	278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7439-95-4	Magnesium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:44	KML

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**123**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		ug/L	556	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		ug/L	27.8	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**0.216**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:04	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: FB001 **York Sample ID:** 19E0591-41

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:04	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:04	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:04	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:04	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:04	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:04	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:36	BML
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:36	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:36	BML
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:36	BML
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:36	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:36	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473 Certifications:	05/16/2019 09:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:30	SY

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473 Certifications:	05/21/2019 10:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 12:17	SY

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 19:31 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 19:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 19:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 19:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 19:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*70-130*

Semi-Volatiles, 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	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 21:01	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 21:01	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 21:01	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:01	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.3 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*21.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.6 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.9 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.8 %*	*30.7-106*

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:47	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:47	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
86-73-7	**Fluorene**	**0.389**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:47	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:47	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:47	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 19:47	KH
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH
129-00-0	**Pyrene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 19:47	KH

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:34	CM
57-74-9	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B Certifications:	05/16/2019 10:56	05/19/2019 09:34	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*109 %*	*30-150*

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.4 %*			*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	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:39	SR
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:39	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:39	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:39	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:39	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:39	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:39	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 14:39	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*118 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:46	KML
7440-39-3	Barium	ND		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:46	KML
7440-70-2	Calcium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:46	KML
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:46	KML
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:46	KML
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:46	KML
7439-89-6	Iron	ND		ug/L	278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:46	KML

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML
7439-95-4	Magnesium	ND		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML
7440-09-7	**Potassium**	**104**		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML
7440-23-5	Sodium	ND		ug/L	556	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML
7440-66-6	Zinc	ND		ug/L	27.8	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:46	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML
7440-09-7	**Potassium**	**0.0719**		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:12	KML

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP Dissolved

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
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:12	KML
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:12	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:12	KML
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:12	KML

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:09	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:09	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:09	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:09	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:09	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:09	BML

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:40	BML
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:40	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:40	BML
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:40	BML
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:40	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:40	BML

Mercury by 7473

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

Sample Information

Client Sample ID: EB001 **York Sample ID:** 19E0591-42

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473	05/16/2019 09:41	05/16/2019 13:41	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473	05/21/2019 10:01	05/21/2019 12:28	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 20:03	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	**Chloromethane**	**0.440**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:03	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 20:03	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 20:03	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:03	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 20:03	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*70-130*

Semi-Volatiles, 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	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:48	SR

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
95-48-7	2-Methylphenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR
99-09-2	3-Nitroaniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 21:48	SR

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
106-47-8	4-Chloroaniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
100-01-6	4-Nitroaniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
100-02-7	4-Nitrophenol	ND		ug/L	7.14	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
98-86-2	Acetophenone	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR NELAC-NY10854,NJDEP,PADEP
62-53-3	Aniline	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR NELAC-NY10854,NJDEP,PADEP
100-52-7	Benzaldehyde	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR NELAC-NY10854,NJDEP,PADEP
92-87-5	Benzidine	ND		ug/L	7.14	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
65-85-0	Benzoic acid	ND		ug/L	35.7	71.4	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR NELAC-NY10854,NJDEP,PADEP
100-51-6	Benzyl alcohol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR NELAC-NY10854,NJDEP,PADEP
85-68-7	Benzyl butyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.43	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
105-60-2	Caprolactam	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR NELAC-NY10854,NJDEP,PADEP
86-74-8	Carbazole	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
132-64-9	Dibenzofuran	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
84-66-2	Diethyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
131-11-3	Dimethyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 21:48	SR CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	7.14	14.3	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:48	SR
78-59-1	Isophorone	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:48	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:48	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:48	SR
108-95-2	Phenol	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:48	SR
110-86-1	Pyridine	ND		ug/L	3.57	7.14	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 21:48	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*25.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.7 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*80.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.1 %*	*30.7-106*

Semi-Volatiles, 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	0.0714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 20:19	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 20:19	KH
120-12-7	Anthracene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 20:19	KH
1912-24-9	Atrazine	ND		ug/L	0.714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP	05/29/2019 20:19	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 20:19	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 20:19	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 20:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 20:19	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 20:19	KH

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:19	KH
218-01-9	Chrysene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:19	KH
206-44-0	Fluoranthene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:19	KH
86-73-7	**Fluorene**	**0.514**		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:19	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:19	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:19	KH
67-72-1	Hexachloroethane	ND		ug/L	0.714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:19	KH
91-20-3	Naphthalene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:19	KH
98-95-3	Nitrobenzene	ND		ug/L	0.357	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:19	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:19	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.357	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:19	KH
85-01-8	Phenanthrene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:19	KH
129-00-0	Pyrene	ND		ug/L	0.0714	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:19	KH

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	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 09:50	CM
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B Certifications:	05/16/2019 10:56	05/19/2019 09:50	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*107 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.3 %*	*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	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:53	SR

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:53	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:53	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:53	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:53	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:53	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 14:53	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 14:53	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-39-3	Barium	ND		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-70-2	Calcium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7439-89-6	Iron	ND		ug/L	278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7439-95-4	Magnesium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	Potassium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-23-5	Sodium	ND		ug/L	556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML
7440-66-6	Zinc	ND		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:49	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:14	KML

Sample Information

Client Sample ID: FB002 **York Sample ID:** 19E0591-43

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:14	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:14	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:14	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:14	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:14	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:14	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:45	BML
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:45	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:45	BML
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:45	BML
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:45	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 15:45	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473 Certifications:	05/16/2019 09:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:52	SY

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473 Certifications:	05/21/2019 10:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 12:38	SY

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 20:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	**Chloromethane**	**0.280**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 20:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 20:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 20:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 20:35	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 20:35	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*70-130*

Semi-Volatiles, 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	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 22:37	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 22:37	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/17/2019 22:37	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13	05/17/2019 22:37 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
65-85-0	Benzoic acid	ND		ug/L	27.8	55.6	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 22:37	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.0 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*19.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*62.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.0 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.3 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.2 %*	*30.7-106*

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
120-12-7	Anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:50	KH
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
86-73-7	Fluorene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:50	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:50	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
91-20-3	Naphthalene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:50	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:50	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 20:50	KH
85-01-8	Phenanthrene	ND		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH
129-00-0	**Pyrene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 20:50	KH

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:05	CM
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B Certifications:	05/16/2019 10:56	05/19/2019 10:05	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*121 %*	*30-150*

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.9 %*			*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	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:06	SR
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:06	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:06	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:06	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:06	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:06	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:06	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 15:06	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:51	KML
7440-39-3	Barium	ND		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:51	KML
7440-70-2	Calcium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:51	KML
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:51	KML
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:51	KML
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:51	KML
7439-89-6	Iron	ND		ug/L	278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:51	KML

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML
7439-95-4	Magnesium	ND		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML
7440-09-7	**Potassium**	**59.7**		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML
7440-23-5	Sodium	ND		ug/L	556	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML
7440-66-6	Zinc	ND		ug/L	27.8	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:51	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML
7440-09-7	**Potassium**	**0.104**		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:17	KML

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP Dissolved

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
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:17	KML
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:17	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:17	KML
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:32	05/20/2019 11:17	KML

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:19	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:19	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:19	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:19	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:19	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:19	BML

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:50	BML
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:50	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:50	BML
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:50	BML
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:50	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:50	BML

Mercury by 7473

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

Sample Information

Client Sample ID: EB002 **York Sample ID:** 19E0591-44

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473	05/16/2019 09:41	05/16/2019 14:03	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473	05/21/2019 10:01	05/21/2019 12:49	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	05/16/2019 07:30	05/16/2019 21:06	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	**Chloromethane**	**0.400**	J	ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:06	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 21:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 21:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:06	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 21:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*70-130*

Semi-Volatiles, 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	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/17/2019 23:24	SR

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
92-87-5	Benzidine	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
65-85-0	Benzoic acid	ND		ug/L	28.6	57.1	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR
110-86-1	Pyridine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 23:24	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*15.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*54.3 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.6 %*	*30.7-106*

Semi-Volatiles, 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	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 21:22	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 21:22	KH
120-12-7	Anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 21:22	KH
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP	05/29/2019 21:22	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 21:22	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 21:22	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 21:22	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 21:22	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/29/2019 21:22	KH

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.857**		ug/L	0.571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0800**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:22	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	0.00421	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:20	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:20	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:20	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:20	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:20	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 10:56	05/19/2019 10:20	CM
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B Certifications:	05/16/2019 10:56	05/19/2019 10:20	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.4 %*	*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	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:20	SR

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:20	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:20	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:20	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:20	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:20	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	05/16/2019 10:56	05/20/2019 15:20	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 15:20	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*89.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7440-39-3	Barium	ND		ug/L	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7440-70-2	Calcium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7439-89-6	Iron	ND		ug/L	278	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7439-95-4	Magnesium	ND		ug/L	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:45	05/16/2019 13:54	KML

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**100**		ug/L	55.6	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		ug/L	556	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		ug/L	27.8	1	EPA 6010D	05/15/2019 13:45	05/16/2019 13:54	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**0.0786**		mg/L	0.0556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	05/17/2019 16:32	05/20/2019 11:19	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB003 **York Sample ID:** 19E0591-45

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:23	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:23	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:23	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:23	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:23	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/15/2019 13:47	05/16/2019 14:23	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:55	BML
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:55	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:55	BML
7440-43-9	Cadmium	ND		ug/L	5.56	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:55	BML
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:55	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/17/2019 16:34	05/20/2019 15:55	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 09:41	05/16/2019 14:13	SY

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 10:01	05/21/2019 13:00	SY

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 21:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 21:38	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 21:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 21:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 21:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 21:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*70-130*

Semi-Volatiles, 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	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/18/2019 00:12	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/18/2019 00:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,PADEP	05/18/2019 00:12	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
95-48-7	2-Methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
100-02-7	4-Nitrophenol	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
98-86-2	Acetophenone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 NELAC-NY10854,NJDEP,PADEP	SR
62-53-3	Aniline	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 NELAC-NY10854,NJDEP,PADEP	SR
100-52-7	Benzaldehyde	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 NELAC-NY10854,NJDEP,PADEP	SR
92-87-5	Benzidine	ND		ug/L	5.71	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13	05/18/2019 00:12 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
65-85-0	Benzoic acid	ND		ug/L	28.6	57.1	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.14	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
105-60-2	Caprolactam	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
86-74-8	Carbazole	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
132-64-9	Dibenzofuran	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.71	11.4	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
78-59-1	Isophorone	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
108-95-2	Phenol	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR
110-86-1	Pyridine	ND		ug/L	2.86	5.71	1	EPA 8270D Certifications:	05/16/2019 15:13 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/18/2019 00:12	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*34.1 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*19.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*61.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*71.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.7 %*	*30.7-106*

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
120-12-7	Anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
1912-24-9	Atrazine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 21:53	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.800**		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 21:53	KH
218-01-9	Chrysene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
206-44-0	Fluoranthene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
86-73-7	**Fluorene**	**0.389**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0229	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 21:53	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 21:53	KH
67-72-1	Hexachloroethane	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 21:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
91-20-3	**Naphthalene**	**0.126**		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH
98-95-3	Nitrobenzene	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 21:53	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 21:53	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.286	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP	05/16/2019 15:13	05/29/2019 21:53	KH
85-01-8	Phenanthrene	ND		ug/L	0.0571	1	EPA 8270D SIM Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 15:13	05/29/2019 21:53	KH

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Semi-Volatiles, 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
129-00-0	**Pyrene**	**0.0686**		ug/L	0.0571	1	EPA 8270D SIM	05/16/2019 15:13	05/29/2019 21:53	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

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	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	05/16/2019 10:56	05/19/2019 10:35	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2019 10:35	CM
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B Certifications:	05/16/2019 10:56 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/19/2019 10:35	CM
57-74-9	* Chlordane, total	ND		ug/L	0.222	1	EPA 8081B Certifications:	05/16/2019 10:56	05/19/2019 10:35	CM

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.8 %*	*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	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 15:34	SR
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 15:34	SR
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 15:34	SR
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 15:34	SR
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 15:34	SR
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 15:34	SR
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56 NELAC-NY10854,CTDOH,NJDEP,PADEP	05/20/2019 15:34	SR
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A Certifications:	05/16/2019 10:56	05/20/2019 15:34	SR

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-39-3	Barium	ND		ug/L	27.8	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	ND		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-47-3	Chromium	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-48-4	Cobalt	ND		ug/L	4.44	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-50-8	Copper	ND		ug/L	22.2	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7439-89-6	Iron	ND		ug/L	278	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7439-92-1	Lead	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7439-95-4	Magnesium	ND		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7439-96-5	Manganese	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-02-0	Nickel	ND		ug/L	11.1	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-09-7	Potassium	ND		ug/L	55.6	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-22-4	Silver	ND		ug/L	5.56	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-23-5	Sodium	ND		ug/L	556	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-62-2	Vanadium	ND		ug/L	11.1	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML
7440-66-6	Zinc	ND		ug/L	27.8	1	EPA 6010D Certifications:	05/15/2019 13:45 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 13:56	KML

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-70-2	Calcium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICP Dissolved

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
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-09-7	**Potassium**	**0.0872**		mg/L	0.0556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D Certifications:	05/17/2019 16:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 11:22	KML

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:28	BML
7440-38-2	Arsenic	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:28	BML
7440-41-7	Beryllium	ND		ug/L	0.333	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:28	BML
7440-43-9	Cadmium	ND		ug/L	0.556	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:28	BML
7782-49-2	Selenium	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:28	BML
7440-28-0	Thallium	ND		ug/L	1.11	1	EPA 6020B Certifications:	05/15/2019 13:47 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:28	BML

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 16:10	BML
7440-38-2	Arsenic	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 16:10	BML
7440-41-7	Beryllium	ND		ug/L	3.33	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 16:10	BML

Sample Information

Client Sample ID: EB003 **York Sample ID:** 19E0591-46

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

Metals, Target Analyte, ICPMS Dissolved

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		ug/L	5.56	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 16:10	BML
7782-49-2	Selenium	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 16:10	BML
7440-28-0	Thallium	ND		ug/L	11.1	10	EPA 6020B Certifications:	05/17/2019 16:34 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/20/2019 16:10	BML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.20	1	EPA 7473 Certifications:	05/16/2019 09:41 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/16/2019 14:24	SY

Mercury by 7473, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

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	0.0002000	1	EPA 7473 Certifications:	05/21/2019 10:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	05/21/2019 13:11	SY

Sample Information

Client Sample ID: TB001 **York Sample ID:** 19E0591-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS

Sample Information

Client Sample ID: TB001 **York Sample ID:** 19E0591-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: TB001 **York Sample ID:** 19E0591-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 13:41	SS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: TB001 **York Sample ID:** 19E0591-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 13:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 13:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 13:41	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 13:41	SS

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: TB001 **York Sample ID:** 19E0591-47

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.7 %*			*70-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*			*70-130*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*			*70-130*						

Sample Information

Client Sample ID: TB002 **York Sample ID:** 19E0591-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 14:13	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS

Sample Information

Client Sample ID: TB002 **York Sample ID:** 19E0591-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/L	0.200	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30	05/16/2019 14:13 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: TB002 **York Sample ID:** 19E0591-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 14:13	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/16/2019 14:13	SS

Sample Information

Client Sample ID: TB002 **York Sample ID:** 19E0591-48

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0591	LST 1802	Water	May 10, 2019 12:00 am	05/13/2019

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
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	2.50	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/16/2019 14:13	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications:	05/16/2019 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/16/2019 14:13	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*95.9 %*	*70-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*70-130*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*70-130*

Analytical Batch Summary

Batch ID: BE90912 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/15/19
19E0591-32	MW002	05/15/19
19E0591-32RE1	MW002	05/15/19
19E0591-33	MW003	05/15/19
19E0591-34	MW004	05/15/19
19E0591-34RE1	MW004	05/15/19
19E0591-37	DUPE003	05/15/19
19E0591-41	FB001	05/15/19
19E0591-42	EB001	05/15/19
19E0591-43	FB002	05/15/19
19E0591-44	EB002	05/15/19
19E0591-45	FB003	05/15/19
19E0591-46	EB003	05/15/19
BE90912-BLK1	Blank	05/15/19
BE90912-BS1	LCS	05/15/19
BE90912-DUP1	Duplicate	05/15/19
BE90912-MS1	Matrix Spike	05/15/19

Batch ID: BE90913 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/15/19
19E0591-32	MW002	05/15/19
19E0591-33	MW003	05/15/19
19E0591-34	MW004	05/15/19
19E0591-37	DUPE003	05/15/19
19E0591-41	FB001	05/15/19
19E0591-42	EB001	05/15/19
19E0591-43	FB002	05/15/19
19E0591-44	EB002	05/15/19
19E0591-45	FB003	05/15/19
19E0591-46	EB003	05/15/19
BE90913-BLK1	Blank	05/15/19
BE90913-BS1	LCS	05/15/19
BE90913-DUP1	Duplicate	05/15/19
BE90913-MS1	Matrix Spike	05/15/19

Batch ID: BE90970 **Preparation Method:** EPA 5035A **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-25	SB009 (6-8)	05/16/19
19E0591-26	SB009 (2-4)	05/16/19
19E0591-39	SB009 (8-10) N	05/16/19
19E0591-40	SB009 (8-10) W	05/16/19
BE90970-BLK1	Blank	05/16/19

BE90970-BLK2	Blank	05/16/19
BE90970-BS1	LCS	05/16/19
BE90970-BSD1	LCS Dup	05/16/19

Batch ID: BE90972 **Preparation Method:** EPA 5030B **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/16/19
19E0591-32	MW002	05/16/19
19E0591-33	MW003	05/16/19
19E0591-34	MW004	05/16/19
19E0591-37	DUPE003	05/16/19
19E0591-41	FB001	05/16/19
19E0591-42	EB001	05/16/19
19E0591-43	FB002	05/16/19
19E0591-44	EB002	05/16/19
19E0591-45	FB003	05/16/19
19E0591-46	EB003	05/16/19
19E0591-47	TB001	05/16/19
19E0591-48	TB002	05/16/19
BE90972-BLK1	Blank	05/16/19
BE90972-BS1	LCS	05/16/19
BE90972-BSD1	LCS Dup	05/16/19
BE90972-MS1	Matrix Spike	05/16/19
BE90972-MSD1	Matrix Spike Dup	05/16/19

Batch ID: BE90989 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/16/19
19E0591-32	MW002	05/16/19
19E0591-33	MW003	05/16/19
19E0591-34	MW004	05/16/19
19E0591-37	DUPE003	05/16/19
19E0591-41	FB001	05/16/19
19E0591-42	EB001	05/16/19
19E0591-43	FB002	05/16/19
19E0591-44	EB002	05/16/19
19E0591-45	FB003	05/16/19
19E0591-46	EB003	05/16/19
BE90989-BLK1	Blank	05/16/19
BE90989-DUP1	Duplicate	05/16/19
BE90989-MS1	Matrix Spike	05/16/19
BE90989-SRM1	Reference	05/16/19

Batch ID: BE90993 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/16/19
19E0591-31	MW001	05/16/19

19E0591-32	MW002	05/16/19
19E0591-32	MW002	05/16/19
19E0591-33	MW003	05/16/19
19E0591-33	MW003	05/16/19
19E0591-34	MW004	05/16/19
19E0591-34	MW004	05/16/19
19E0591-37	DUPE003	05/16/19
19E0591-37	DUPE003	05/16/19
19E0591-41	FB001	05/16/19
19E0591-41	FB001	05/16/19
19E0591-42	EB001	05/16/19
19E0591-42	EB001	05/16/19
19E0591-43	FB002	05/16/19
19E0591-43	FB002	05/16/19
19E0591-44	EB002	05/16/19
19E0591-44	EB002	05/16/19
19E0591-45	FB003	05/16/19
19E0591-45	FB003	05/16/19
19E0591-46	EB003	05/16/19
19E0591-46	EB003	05/16/19
BE90993-BLK1	Blank	05/16/19
BE90993-BS1	LCS	05/16/19
BE90993-MS1	Matrix Spike	05/16/19
BE90993-MS2	Matrix Spike	05/16/19
BE90993-MSD1	Matrix Spike Dup	05/16/19
BE90993-MSD2	Matrix Spike Dup	05/16/19

Batch ID: BE91020 **Preparation Method:** EPA 3510C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/16/19
19E0591-32	MW002	05/16/19
19E0591-33	MW003	05/16/19
19E0591-34	MW004	05/16/19
19E0591-37	DUPE003	05/16/19
19E0591-41	FB001	05/16/19
19E0591-42	EB001	05/16/19
19E0591-43	FB002	05/16/19
19E0591-44	EB002	05/16/19
19E0591-45	FB003	05/16/19
19E0591-46	EB003	05/16/19
BE91020-BS2	LCS	05/16/19
BE91020-MS1	Matrix Spike	05/16/19
BE91020-MSD1	Matrix Spike Dup	05/16/19

Batch ID: BE91045 **Preparation Method:** % Solids Prep **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-01	SB001 (0-2)	05/16/19
19E0591-02	SB001 (2-4)	05/16/19
19E0591-03	SB001 (4-6)	05/16/19

19E0591-04	SB002 (4-6)	05/16/19
19E0591-05	SB002 (6-8)	05/16/19
19E0591-06	SB002 (0-2)	05/16/19
19E0591-08	SB003 (10-12)	05/16/19
19E0591-09	SB003 (0-2)	05/16/19
19E0591-10	SB004 (0-2)	05/16/19
19E0591-11	SB004 (4-6)	05/16/19
19E0591-12	SB004 (2-4)	05/16/19
19E0591-13	SB005 (2-4)	05/16/19
19E0591-14	SB005 (0-2)	05/16/19
19E0591-15	SB005 (8-10)	05/16/19
19E0591-16	SB006 (0-2)	05/16/19
19E0591-17	SB006 (4-6)	05/16/19
19E0591-18	SB006 (6-8)	05/16/19
19E0591-19	SB007 (8-10)	05/16/19
19E0591-20	SB007 (12-14)	05/16/19
19E0591-21	SB007 (0-2)	05/16/19
BE91045-DUP1	Duplicate	05/16/19

Batch ID: BE91074 **Preparation Method:** EPA 5035A **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-27	SB009 (8-10)	05/17/19
19E0591-38	SB009 (8-10) E	05/17/19
19E0591-38RE1	SB009 (8-10) E	05/17/19
BE91074-BLK1	Blank	05/17/19
BE91074-BLK2	Blank	05/17/19
BE91074-BS1	LCS	05/17/19
BE91074-BSD1	LCS Dup	05/17/19

Batch ID: BE91114 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/17/19
19E0591-32	MW002	05/17/19
19E0591-32RE1	MW002	05/17/19
19E0591-33	MW003	05/17/19
19E0591-34	MW004	05/17/19
19E0591-37	DUPE003	05/17/19
19E0591-41	FB001	05/17/19
19E0591-42	EB001	05/17/19
19E0591-43	FB002	05/17/19
19E0591-44	EB002	05/17/19
19E0591-45	FB003	05/17/19
19E0591-46	EB003	05/17/19
BE91114-BLK1	Blank	05/17/19
BE91114-BS1	LCS	05/17/19
BE91114-DUP1	Duplicate	05/17/19
BE91114-MS1	Matrix Spike	05/17/19

Batch ID: BE91115 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/17/19
19E0591-32	MW002	05/17/19
19E0591-33	MW003	05/17/19
19E0591-34	MW004	05/17/19
19E0591-37	DUPE003	05/17/19
19E0591-41	FB001	05/17/19
19E0591-42	EB001	05/17/19
19E0591-43	FB002	05/17/19
19E0591-44	EB002	05/17/19
19E0591-45	FB003	05/17/19
19E0591-46	EB003	05/17/19
BE91115-BLK1	Blank	05/17/19
BE91115-BS1	LCS	05/17/19
BE91115-DUP1	Duplicate	05/17/19
BE91115-MS1	Matrix Spike	05/17/19

Batch ID: BE91124 **Preparation Method:** % Solids Prep **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-07	SB003 (6-8)	05/17/19
BE91124-DUP1	Duplicate	05/17/19

Batch ID: BE91125 **Preparation Method:** % Solids Prep **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-22	SB008 (6-8)	05/17/19
19E0591-23	SB008 (0-2)	05/17/19
19E0591-24	SB008 (4-6)	05/17/19
19E0591-25	SB009 (6-8)	05/17/19
19E0591-26	SB009 (2-4)	05/17/19
19E0591-27	SB009 (8-10)	05/17/19
19E0591-28	SB010 (0-2)	05/17/19
19E0591-29	SB010 (6-8)	05/17/19
19E0591-30	SB010 (2-4)	05/17/19
19E0591-35	DUPE001	05/17/19
19E0591-36	DUPE002	05/17/19
19E0591-38	SB009 (8-10) E	05/17/19
19E0591-39	SB009 (8-10) N	05/17/19
19E0591-40	SB009 (8-10) W	05/17/19

Batch ID: BE91139 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-01	SB001 (0-2)	05/20/19
19E0591-01	SB001 (0-2)	05/20/19
19E0591-02	SB001 (2-4)	05/20/19
19E0591-02	SB001 (2-4)	05/20/19

19E0591-03	SB001 (4-6)	05/20/19
19E0591-03	SB001 (4-6)	05/20/19
19E0591-04	SB002 (4-6)	05/20/19
19E0591-04	SB002 (4-6)	05/20/19
19E0591-05	SB002 (6-8)	05/20/19
19E0591-05	SB002 (6-8)	05/20/19
BE91139-MS2	Matrix Spike	05/20/19
BE91139-MSD2	Matrix Spike Dup	05/20/19

Batch ID: BE91142 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-01	SB001 (0-2)	05/20/19
19E0591-02	SB001 (2-4)	05/20/19
19E0591-03	SB001 (4-6)	05/20/19
19E0591-04	SB002 (4-6)	05/20/19
BE91142-BS1	LCS	05/20/19
BE91142-MS1	Matrix Spike	05/20/19
BE91142-MSD1	Matrix Spike Dup	05/20/19

Batch ID: BE91200 **Preparation Method:** EPA 3550C **Prepared By:** MAT

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-06	SB002 (0-2)	05/20/19
19E0591-06	SB002 (0-2)	05/20/19
19E0591-07	SB003 (6-8)	05/20/19
19E0591-07	SB003 (6-8)	05/20/19
19E0591-08	SB003 (10-12)	05/20/19
19E0591-08	SB003 (10-12)	05/20/19
19E0591-09	SB003 (0-2)	05/20/19
19E0591-09	SB003 (0-2)	05/20/19
19E0591-10	SB004 (0-2)	05/20/19
19E0591-10	SB004 (0-2)	05/20/19
19E0591-11	SB004 (4-6)	05/20/19
19E0591-11	SB004 (4-6)	05/20/19
19E0591-12	SB004 (2-4)	05/20/19
19E0591-12	SB004 (2-4)	05/20/19
19E0591-13	SB005 (2-4)	05/20/19
19E0591-13	SB005 (2-4)	05/20/19
19E0591-14	SB005 (0-2)	05/20/19
19E0591-14	SB005 (0-2)	05/20/19
19E0591-15	SB005 (8-10)	05/20/19
19E0591-15	SB005 (8-10)	05/20/19
19E0591-16	SB006 (0-2)	05/20/19
19E0591-16	SB006 (0-2)	05/20/19
19E0591-17	SB006 (4-6)	05/20/19
19E0591-17	SB006 (4-6)	05/20/19
19E0591-18	SB006 (6-8)	05/20/19
19E0591-18	SB006 (6-8)	05/20/19
BE91200-BLK1	Blank	05/20/19
BE91200-BS1	LCS	05/20/19

Batch ID: BE91201 **Preparation Method:** EPA 3550C **Prepared By:** MAT

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-05	SB002 (6-8)	05/20/19
19E0591-06	SB002 (0-2)	05/20/19
19E0591-07	SB003 (6-8)	05/20/19
19E0591-08	SB003 (10-12)	05/20/19
19E0591-09	SB003 (0-2)	05/20/19
19E0591-09RE1	SB003 (0-2)	05/20/19
19E0591-10	SB004 (0-2)	05/20/19
19E0591-11	SB004 (4-6)	05/20/19
19E0591-11RE1	SB004 (4-6)	05/20/19
19E0591-12	SB004 (2-4)	05/20/19
19E0591-12RE1	SB004 (2-4)	05/20/19
19E0591-13	SB005 (2-4)	05/20/19
19E0591-14	SB005 (0-2)	05/20/19
19E0591-15	SB005 (8-10)	05/20/19
19E0591-16	SB006 (0-2)	05/20/19
19E0591-17	SB006 (4-6)	05/20/19
19E0591-18	SB006 (6-8)	05/20/19
19E0591-19	SB007 (8-10)	05/20/19
19E0591-20	SB007 (12-14)	05/20/19
BE91201-BLK1	Blank	05/20/19
BE91201-BS1	LCS	05/20/19
BE91201-MS1	Matrix Spike	05/20/19
BE91201-MSD1	Matrix Spike Dup	05/20/19

Batch ID: BE91204 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-01	SB001 (0-2)	05/20/19
19E0591-02	SB001 (2-4)	05/20/19
19E0591-03	SB001 (4-6)	05/20/19
19E0591-04	SB002 (4-6)	05/20/19
19E0591-05	SB002 (6-8)	05/20/19
19E0591-06	SB002 (0-2)	05/20/19
19E0591-27	SB009 (8-10)	05/20/19
19E0591-28	SB010 (0-2)	05/20/19
19E0591-29	SB010 (6-8)	05/20/19
19E0591-30	SB010 (2-4)	05/20/19
19E0591-35	DUPE001	05/20/19
19E0591-36	DUPE002	05/20/19
BE91204-BLK1	Blank	05/20/19
BE91204-DUP1	Duplicate	05/20/19
BE91204-MS1	Matrix Spike	05/20/19
BE91204-SRM1	Reference	05/20/19

Batch ID: BE91205 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-07	SB003 (6-8)	05/20/19
19E0591-08	SB003 (10-12)	05/20/19
19E0591-08RE1	SB003 (10-12)	05/20/19
19E0591-09	SB003 (0-2)	05/20/19
19E0591-10	SB004 (0-2)	05/20/19
19E0591-11	SB004 (4-6)	05/20/19
19E0591-12	SB004 (2-4)	05/20/19
19E0591-13	SB005 (2-4)	05/20/19
19E0591-14	SB005 (0-2)	05/20/19
19E0591-15	SB005 (8-10)	05/20/19
19E0591-16	SB006 (0-2)	05/20/19
19E0591-17	SB006 (4-6)	05/20/19
19E0591-18	SB006 (6-8)	05/20/19
19E0591-19	SB007 (8-10)	05/20/19
19E0591-20	SB007 (12-14)	05/20/19
19E0591-21	SB007 (0-2)	05/20/19
19E0591-22	SB008 (6-8)	05/20/19
19E0591-23	SB008 (0-2)	05/20/19
19E0591-24	SB008 (4-6)	05/20/19
19E0591-25	SB009 (6-8)	05/20/19
19E0591-26	SB009 (2-4)	05/20/19
BE91205-BLK1	Blank	05/20/19
BE91205-DUP1	Duplicate	05/20/19
BE91205-MS1	Matrix Spike	05/20/19
BE91205-SRM1	Reference	05/20/19

Batch ID: BE91249 **Preparation Method:** EPA 3550C **Prepared By:** LM

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-21	SB007 (0-2)	05/21/19
19E0591-22	SB008 (6-8)	05/21/19
19E0591-23	SB008 (0-2)	05/21/19
19E0591-24	SB008 (4-6)	05/21/19
19E0591-25	SB009 (6-8)	05/21/19
19E0591-26	SB009 (2-4)	05/21/19
19E0591-27	SB009 (8-10)	05/21/19
19E0591-28	SB010 (0-2)	05/21/19
19E0591-29	SB010 (6-8)	05/21/19
19E0591-30	SB010 (2-4)	05/21/19
19E0591-30RE1	SB010 (2-4)	05/21/19
19E0591-35	DUPE001	05/21/19
19E0591-36	DUPE002	05/21/19
BE91249-BLK1	Blank	05/21/19
BE91249-BS1	LCS	05/21/19

Batch ID: BE91266 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-31	MW001	05/21/19
19E0591-32	MW002	05/21/19

19E0591-33	MW003	05/21/19
19E0591-34	MW004	05/21/19
19E0591-37	DUPE003	05/21/19
19E0591-41	FB001	05/21/19
19E0591-42	EB001	05/21/19
19E0591-43	FB002	05/21/19
19E0591-44	EB002	05/21/19
19E0591-45	FB003	05/21/19
19E0591-46	EB003	05/21/19
BE91266-BLK1	Blank	05/21/19
BE91266-DUP1	Duplicate	05/21/19
BE91266-MS1	Matrix Spike	05/21/19
BE91266-SRM1	Reference	05/21/19

Batch ID: BE91342 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-01	SB001 (0-2)	05/22/19
19E0591-02	SB001 (2-4)	05/22/19
19E0591-03	SB001 (4-6)	05/22/19
19E0591-04	SB002 (4-6)	05/22/19
19E0591-05	SB002 (6-8)	05/22/19
BE91342-BLK1	Blank	05/22/19
BE91342-DUP1	Duplicate	05/22/19
BE91342-MS1	Matrix Spike	05/22/19
BE91342-SRM1	Reference	05/22/19

Batch ID: BE91343 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-06	SB002 (0-2)	05/22/19
19E0591-07	SB003 (6-8)	05/22/19
19E0591-08	SB003 (10-12)	05/22/19
19E0591-09	SB003 (0-2)	05/22/19
19E0591-10	SB004 (0-2)	05/22/19
19E0591-11	SB004 (4-6)	05/22/19
19E0591-12	SB004 (2-4)	05/22/19
19E0591-13	SB005 (2-4)	05/22/19
19E0591-14	SB005 (0-2)	05/22/19
19E0591-15	SB005 (8-10)	05/22/19
19E0591-16	SB006 (0-2)	05/22/19
19E0591-17	SB006 (4-6)	05/22/19
19E0591-18	SB006 (6-8)	05/22/19
19E0591-19	SB007 (8-10)	05/22/19
19E0591-20	SB007 (12-14)	05/22/19
19E0591-21	SB007 (0-2)	05/22/19
BE91343-BLK1	Blank	05/22/19
BE91343-DUP1	Duplicate	05/22/19
BE91343-MS1	Matrix Spike	05/22/19
BE91343-SRM1	Reference	05/22/19

Batch ID: BE91382 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0591-22	SB008 (6-8)	05/22/19
19E0591-23	SB008 (0-2)	05/22/19
19E0591-24	SB008 (4-6)	05/22/19
19E0591-25	SB009 (6-8)	05/22/19
19E0591-26	SB009 (2-4)	05/22/19
19E0591-27	SB009 (8-10)	05/22/19
19E0591-28	SB010 (0-2)	05/22/19
19E0591-29	SB010 (6-8)	05/22/19
19E0591-30	SB010 (2-4)	05/22/19
19E0591-35	DUPE001	05/22/19
19E0591-36	DUPE002	05/22/19
BE91382-BLK1	Blank	05/22/19
BE91382-DUP1	Duplicate	05/22/19
BE91382-MS1	Matrix Spike	05/22/19
BE91382-SRM1	Reference	05/22/19

Volatile Organic Compounds by GC/MS - Quality Control Data

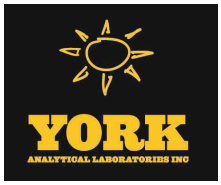
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE90970 - EPA 5035A											
Blank (BE90970-BLK1)											Prepared & Analyzed: 05/16/2019
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	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	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 BE90970 - EPA 5035A											
Blank (BE90970-BLK1)											
Prepared & Analyzed: 05/16/2019											
Ethyl Benzene	ND	0.0050	mg/kg wet								
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	0.025	"								
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	*50.4*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.1*	*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 BE90970 - EPA 5035A											
Blank (BE90970-BLK2)											Prepared & Analyzed: 05/16/2019
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								

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 BE90970 - EPA 5035A											
Blank (BE90970-BLK2)											
Prepared & Analyzed: 05/16/2019											
Hexachlorobutadiene	ND	0.50	mg/kg wet								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.5	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*ug/L*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

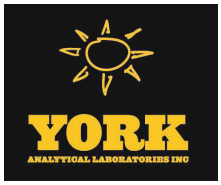
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE90970 - EPA 5035A											
LCS (BE90970-BS1)								Prepared & Analyzed: 05/16/2019			
1,1,1,2-Tetrachloroethane	50.4		ug/L	50.0		101	75-129				
1,1,1-Trichloroethane	50.0		"	50.0		100	71-137				
1,1,2,2-Tetrachloroethane	48.2		"	50.0		96.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.9		"	50.0		99.8	58-146				
1,1,2-Trichloroethane	48.4		"	50.0		96.8	83-123				
1,1-Dichloroethane	49.5		"	50.0		99.0	75-130				
1,1-Dichloroethylene	48.4		"	50.0		96.7	64-137				
1,1-Dichloropropylene	49.1		"	50.0		98.2	77-127				
1,2,3-Trichlorobenzene	48.0		"	50.0		96.0	81-140				
1,2,3-Trichloropropane	49.0		"	50.0		98.1	81-126				
1,2,4-Trichlorobenzene	48.0		"	50.0		96.0	80-141				
1,2,4-Trimethylbenzene	47.0		"	50.0		94.0	84-125				
1,2-Dibromo-3-chloropropane	47.8		"	50.0		95.5	74-142				
1,2-Dibromoethane	51.6		"	50.0		103	86-123				
1,2-Dichlorobenzene	49.0		"	50.0		98.1	85-122				
1,2-Dichloroethane	51.1		"	50.0		102	71-133				
1,2-Dichloropropane	46.4		"	50.0		92.8	81-122				
1,3,5-Trimethylbenzene	47.0		"	50.0		94.0	82-126				
1,3-Dichlorobenzene	47.6		"	50.0		95.1	84-124				
1,3-Dichloropropane	49.3		"	50.0		98.6	83-123				
1,4-Dichlorobenzene	47.8		"	50.0		95.6	84-124				
1,4-Dioxane	1020		"	1050		97.5	10-228				
2,2-Dichloropropane	50.1		"	50.0		100	67-136				
2-Butanone	54.1		"	50.0		108	58-147				
2-Chlorotoluene	45.2		"	50.0		90.4	78-127				
2-Hexanone	46.8		"	50.0		93.7	70-139				
4-Chlorotoluene	46.7		"	50.0		93.3	79-125				
4-Methyl-2-pentanone	46.6		"	50.0		93.2	72-132				
Acetone	51.3		"	50.0		103	36-155				
Acrolein	50.4		"	50.0		101	10-238				
Acrylonitrile	50.5		"	50.0		101	66-141				
Benzene	51.2		"	50.0		102	77-127				
Bromobenzene	46.2		"	50.0		92.4	77-129				
Bromochloromethane	48.1		"	50.0		96.3	74-129				
Bromodichloromethane	48.9		"	50.0		97.9	81-124				
Bromoform	49.0		"	50.0		97.9	80-136				
Bromomethane	56.3		"	50.0		113	32-177				
Carbon disulfide	50.3		"	50.0		101	10-136				
Carbon tetrachloride	51.6		"	50.0		103	66-143				
Chlorobenzene	49.0		"	50.0		98.1	86-120				
Chloroethane	54.1		"	50.0		108	51-142				
Chloroform	50.8		"	50.0		102	76-131				
Chloromethane	53.0		"	50.0		106	49-132				
cis-1,2-Dichloroethylene	50.2		"	50.0		100	74-132				
cis-1,3-Dichloropropylene	47.4		"	50.0		94.8	81-129				
Cyclohexane	50.1		"	50.0		100	70-130				
Dibromochloromethane	50.0		"	50.0		99.9	10-200				
Dibromomethane	49.2		"	50.0		98.5	83-124				
Dichlorodifluoromethane	64.1		"	50.0		128	28-158				
Ethyl Benzene	49.4		"	50.0		98.7	84-125				

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 BE90970 - EPA 5035A											
LCS (BE90970-BS1)								Prepared & Analyzed: 05/16/2019			
Hexachlorobutadiene	48.7		ug/L	50.0		97.3	83-133				
Isopropylbenzene	46.4		"	50.0		92.7	81-127				
Methyl acetate	46.9		"	50.0		93.9	41-143				
Methyl tert-butyl ether (MTBE)	51.8		"	50.0		104	74-131				
Methylcyclohexane	47.9		"	50.0		95.9	70-130				
Methylene chloride	49.6		"	50.0		99.2	57-141				
n-Butylbenzene	47.3		"	50.0		94.7	80-130				
n-Propylbenzene	46.9		"	50.0		93.8	74-136				
o-Xylene	49.4		"	50.0		98.9	83-123				
p- & m- Xylenes	98.7		"	100		98.7	82-128				
p-Isopropyltoluene	48.4		"	50.0		96.9	85-125				
sec-Butylbenzene	49.4		"	50.0		98.7	83-125				
Styrene	49.6		"	50.0		99.2	86-126				
tert-Butyl alcohol (TBA)	252		"	250		101	70-130				
tert-Butylbenzene	41.4		"	50.0		82.8	80-127				
Tetrachloroethylene	48.3		"	50.0		96.7	80-129				
Toluene	49.3		"	50.0		98.5	85-121				
trans-1,2-Dichloroethylene	49.1		"	50.0		98.3	72-132				
trans-1,3-Dichloropropylene	47.5		"	50.0		95.0	78-132				
Trichloroethylene	48.9		"	50.0		97.8	84-123				
Trichlorofluoromethane	55.9		"	50.0		112	62-140				
Vinyl acetate	49.5		"	50.0		99.0	67-136				
Vinyl Chloride	60.4		"	50.0		121	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.2*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				
LCS Dup (BE90970-BSD1)								Prepared & Analyzed: 05/16/2019			
1,1,1,2-Tetrachloroethane	50.6		ug/L	50.0		101	75-129		0.436	30	
1,1,1-Trichloroethane	51.0		"	50.0		102	71-137		1.94	30	
1,1,2,2-Tetrachloroethane	48.3		"	50.0		96.5	79-129		0.0622	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.4		"	50.0		103	58-146		2.96	30	
1,1,2-Trichloroethane	48.5		"	50.0		97.0	83-123		0.206	30	
1,1-Dichloroethane	50.2		"	50.0		100	75-130		1.36	30	
1,1-Dichloroethylene	49.5		"	50.0		99.1	64-137		2.37	30	
1,1-Dichloropropylene	50.4		"	50.0		101	77-127		2.55	30	
1,2,3-Trichlorobenzene	50.3		"	50.0		101	81-140		4.62	30	
1,2,3-Trichloropropane	50.0		"	50.0		100	81-126		1.92	30	
1,2,4-Trichlorobenzene	50.2		"	50.0		100	80-141		4.40	30	
1,2,4-Trimethylbenzene	48.8		"	50.0		97.6	84-125		3.69	30	
1,2-Dibromo-3-chloropropane	47.5		"	50.0		95.0	74-142		0.567	30	
1,2-Dibromoethane	50.5		"	50.0		101	86-123		2.27	30	
1,2-Dichlorobenzene	50.0		"	50.0		99.9	85-122		1.90	30	
1,2-Dichloroethane	51.1		"	50.0		102	71-133		0.117	30	
1,2-Dichloropropane	47.6		"	50.0		95.3	81-122		2.57	30	
1,3,5-Trimethylbenzene	49.0		"	50.0		98.0	82-126		4.15	30	
1,3-Dichlorobenzene	49.3		"	50.0		98.7	84-124		3.65	30	
1,3-Dichloropropane	48.6		"	50.0		97.2	83-123		1.39	30	
1,4-Dichlorobenzene	49.6		"	50.0		99.2	84-124		3.66	30	
1,4-Dioxane	1080		"	1050		103	10-228		5.51	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 BE90970 - EPA 5035A											
LCS Dup (BE90970-BSD1)								Prepared & Analyzed: 05/16/2019			
2,2-Dichloropropane	50.7		ug/L	50.0		101	67-136		1.21	30	
2-Butanone	52.8		"	50.0		106	58-147		2.41	30	
2-Chlorotoluene	46.1		"	50.0		92.3	78-127		1.99	30	
2-Hexanone	46.0		"	50.0		92.0	70-139		1.77	30	
4-Chlorotoluene	48.2		"	50.0		96.3	79-125		3.16	30	
4-Methyl-2-pentanone	46.2		"	50.0		92.4	72-132		0.819	30	
Acetone	51.7		"	50.0		103	36-155		0.874	30	
Acrolein	47.9		"	50.0		95.8	10-238		5.03	30	
Acrylonitrile	48.9		"	50.0		97.7	66-141		3.22	30	
Benzene	51.9		"	50.0		104	77-127		1.30	30	
Bromobenzene	47.4		"	50.0		94.8	77-129		2.58	30	
Bromochloromethane	48.4		"	50.0		96.9	74-129		0.621	30	
Bromodichloromethane	49.2		"	50.0		98.3	81-124		0.428	30	
Bromoform	48.4		"	50.0		96.7	80-136		1.23	30	
Bromomethane	55.7		"	50.0		111	32-177		1.00	30	
Carbon disulfide	50.9		"	50.0		102	10-136		1.23	30	
Carbon tetrachloride	52.1		"	50.0		104	66-143		0.907	30	
Chlorobenzene	49.6		"	50.0		99.2	86-120		1.14	30	
Chloroethane	53.7		"	50.0		107	51-142		0.649	30	
Chloroform	51.1		"	50.0		102	76-131		0.628	30	
Chloromethane	53.7		"	50.0		107	49-132		1.33	30	
cis-1,2-Dichloroethylene	50.5		"	50.0		101	74-132		0.596	30	
cis-1,3-Dichloropropylene	47.7		"	50.0		95.5	81-129		0.673	30	
Cyclohexane	51.1		"	50.0		102	70-130		1.98	30	
Dibromochloromethane	49.8		"	50.0		99.6	10-200		0.281	30	
Dibromomethane	49.2		"	50.0		98.5	83-124		0.0203	30	
Dichlorodifluoromethane	65.5		"	50.0		131	28-158		2.10	30	
Ethyl Benzene	50.6		"	50.0		101	84-125		2.54	30	
Hexachlorobutadiene	51.9		"	50.0		104	83-133		6.46	30	
Isopropylbenzene	47.8		"	50.0		95.6	81-127		3.02	30	
Methyl acetate	46.5		"	50.0		93.0	41-143		0.963	30	
Methyl tert-butyl ether (MTBE)	51.3		"	50.0		103	74-131		1.11	30	
Methylcyclohexane	49.9		"	50.0		99.8	70-130		4.05	30	
Methylene chloride	49.1		"	50.0		98.2	57-141		0.932	30	
n-Butylbenzene	48.4		"	50.0		96.8	80-130		2.17	30	
n-Propylbenzene	48.9		"	50.0		97.8	74-136		4.11	30	
o-Xylene	50.2		"	50.0		100	83-123		1.59	30	
p- & m- Xylenes	100		"	100		100	82-128		1.64	30	
p-Isopropyltoluene	49.9		"	50.0		99.8	85-125		2.97	30	
sec-Butylbenzene	51.5		"	50.0		103	83-125		4.34	30	
Styrene	50.7		"	50.0		101	86-126		2.19	30	
tert-Butyl alcohol (TBA)	263		"	250		105	70-130		4.05	30	
tert-Butylbenzene	43.6		"	50.0		87.1	80-127		5.01	30	
Tetrachloroethylene	50.0		"	50.0		99.9	80-129		3.32	30	
Toluene	50.4		"	50.0		101	85-121		2.27	30	
trans-1,2-Dichloroethylene	49.7		"	50.0		99.4	72-132		1.13	30	
trans-1,3-Dichloropropylene	47.0		"	50.0		94.1	78-132		1.02	30	
Trichloroethylene	49.8		"	50.0		99.7	84-123		1.88	30	
Trichlorofluoromethane	56.1		"	50.0		112	62-140		0.411	30	
Vinyl acetate	49.3		"	50.0		98.6	67-136		0.405	30	
Vinyl Chloride	61.0		"	50.0		122	52-130		0.956	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 BE90970 - EPA 5035A											
LCS Dup (BE90970-BSD1)									Prepared & Analyzed: 05/16/2019		
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.3*		*"*	*50.0*		*98.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.9*	*76-130*				
Batch BE90972 - EPA 5030B											
Blank (BE90972-BLK1)									Prepared & Analyzed: 05/16/2019		
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	ND	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	2.00	"								
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	"								

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 BE90972 - EPA 5030B											
Blank (BE90972-BLK1)											
Prepared & Analyzed: 05/16/2019											
cis-1,3-Dichloropropylene	ND	0.500	ug/L								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	2.50	"								
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	*9.32*		*"*	*10.0*		*93.2*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*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
Batch BE90972 - EPA 5030B											
LCS (BE90972-BS1)							Prepared & Analyzed: 05/16/2019				
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82-126			30	
1,1,1-Trichloroethane	12.1		"	10.0		121	70-130			20	
1,1,2,2-Tetrachloroethane	10.4		"	10.0		104	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0		"	10.0		120	70-130			20	
1,1,2-Trichloroethane	9.66		"	10.0		96.6	70-130			20	
1,1-Dichloroethane	12.1		"	10.0		121	70-130			20	
1,1-Dichloroethylene	12.3		"	10.0		123	70-130			20	
1,1-Dichloropropylene	11.8		"	10.0		118	83-133			30	
1,2,3-Trichlorobenzene	8.53		"	10.0		85.3	70-130			20	
1,2,3-Trichloropropane	9.76		"	10.0		97.6	77-128			30	
1,2,4-Trichlorobenzene	9.38		"	10.0		93.8	70-130			20	
1,2,4-Trimethylbenzene	11.0		"	10.0		110	82-132			20	
1,2-Dibromo-3-chloropropane	9.45		"	10.0		94.5	40-160			20	
1,2-Dibromoethane	9.86		"	10.0		98.6	70-130			20	
1,2-Dichlorobenzene	10.1		"	10.0		101	70-130			20	
1,2-Dichloroethane	11.0		"	10.0		110	70-130			20	
1,2-Dichloropropane	10.8		"	10.0		108	70-130			20	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131			30	
1,3-Dichlorobenzene	10.7		"	10.0		107	70-130			20	
1,3-Dichloropropane	10.2		"	10.0		102	81-125			30	
1,4-Dichlorobenzene	10.5		"	10.0		105	70-130			20	
1,4-Dioxane	99.7		"	210		47.5	40-160			20	
2,2-Dichloropropane	12.2		"	10.0		122	56-150			30	
2-Butanone	11.4		"	10.0		114	40-160			20	
2-Chlorotoluene	11.2		"	10.0		112	79-130			30	
2-Hexanone	10.4		"	10.0		104	40-160			20	
4-Chlorotoluene	11.3		"	10.0		113	79-128			30	
4-Methyl-2-pentanone	9.35		"	10.0		93.5	40-160			20	
Acetone	11.6		"	10.0		116	40-160			20	
Acrolein	11.4		"	10.0		114	10-153			30	
Acrylonitrile	9.42		"	10.0		94.2	51-150			30	
Benzene	12.1		"	10.0		121	70-130			20	
Bromobenzene	10.8		"	10.0		108	78-129			30	
Bromochloromethane	12.0		"	10.0		120	70-130			20	
Bromodichloromethane	10.3		"	10.0		103	70-130			20	
Bromoform	9.15		"	10.0		91.5	70-130			20	
Bromomethane	8.32		"	10.0		83.2	40-160			20	
Carbon disulfide	12.9		"	10.0		129	40-160			20	
Carbon tetrachloride	12.2		"	10.0		122	70-130			20	
Chlorobenzene	10.5		"	10.0		105	70-130			20	
Chloroethane	13.1		"	10.0		131	40-160			20	
Chloroform	11.6		"	10.0		116	70-130			20	
Chloromethane	13.2		"	10.0		132	40-160			20	
cis-1,2-Dichloroethylene	12.2		"	10.0		122	70-130			20	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	70-130			20	
Cyclohexane	12.4		"	10.0		124	70-130			20	
Dibromochloromethane	9.73		"	10.0		97.3	70-130			20	
Dibromomethane	9.85		"	10.0		98.5	72-134			30	
Dichlorodifluoromethane	14.6		"	10.0		146	40-160			20	
Ethyl Benzene	11.0		"	10.0		110	70-130			20	

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 BE90972 - EPA 5030B											
LCS (BE90972-BS1)								Prepared & Analyzed: 05/16/2019			
Hexachlorobutadiene	9.17		ug/L	10.0		91.7	67-146			30	
Isopropylbenzene	11.2		"	10.0		112	70-130			20	
Methyl acetate	10.0		"	10.0		100	70-130			20	
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	70-130			20	
Methylcyclohexane	11.0		"	10.0		110	70-130			20	
Methylene chloride	11.2		"	10.0		112	70-130			20	
n-Butylbenzene	11.2		"	10.0		112	79-132			30	
n-Propylbenzene	11.2		"	10.0		112	78-133			30	
o-Xylene	10.8		"	10.0		108	70-130			20	
p- & m- Xylenes	22.1		"	20.0		110	70-130			20	
p-Isopropyltoluene	10.8		"	10.0		108	81-136			30	
sec-Butylbenzene	11.1		"	10.0		111	79-137			30	
Styrene	10.5		"	10.0		105	70-130			20	
tert-Butyl alcohol (TBA)	35.1		"	50.0		70.2	25-162			30	
tert-Butylbenzene	10.8		"	10.0		108	77-138			30	
Tetrachloroethylene	8.82		"	10.0		88.2	70-130			20	
Toluene	10.9		"	10.0		109	70-130			20	
trans-1,2-Dichloroethylene	12.5		"	10.0		125	70-130			20	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	70-130			20	
Trichloroethylene	10.4		"	10.0		104	70-130			20	
Trichlorofluoromethane	12.8		"	10.0		128	40-160			20	
Vinyl acetate	9.88		"	10.0		98.8	21-90	High Bias		30	
Vinyl Chloride	14.0		"	10.0		140	70-130	High Bias		20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.27*		*"*	*10.0*		*92.7*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*70-130*				
LCS Dup (BE90972-BSD1)								Prepared & Analyzed: 05/16/2019			
1,1,1,2-Tetrachloroethane	9.91		ug/L	10.0		99.1	82-126		2.59	30	
1,1,1-Trichloroethane	10.9		"	10.0		109	70-130		9.74	20	
1,1,2,2-Tetrachloroethane	9.91		"	10.0		99.1	70-130		4.44	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	70-130		8.72	20	
1,1,2-Trichloroethane	9.32		"	10.0		93.2	70-130		3.58	20	
1,1-Dichloroethane	11.0		"	10.0		110	70-130		9.40	20	
1,1-Dichloroethylene	11.3		"	10.0		113	70-130		8.64	20	
1,1-Dichloropropylene	10.9		"	10.0		109	83-133		7.99	30	
1,2,3-Trichlorobenzene	8.09		"	10.0		80.9	70-130		5.29	20	
1,2,3-Trichloropropane	9.05		"	10.0		90.5	77-128		7.55	30	
1,2,4-Trichlorobenzene	8.40		"	10.0		84.0	70-130		11.0	20	
1,2,4-Trimethylbenzene	10.4		"	10.0		104	82-132		4.95	20	
1,2-Dibromo-3-chloropropane	9.14		"	10.0		91.4	40-160		3.34	20	
1,2-Dibromoethane	9.22		"	10.0		92.2	70-130		6.71	20	
1,2-Dichlorobenzene	9.60		"	10.0		96.0	70-130		4.88	20	
1,2-Dichloroethane	10.2		"	10.0		102	70-130		7.94	20	
1,2-Dichloropropane	10.7		"	10.0		107	70-130		1.30	20	
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131		4.13	30	
1,3-Dichlorobenzene	10.2		"	10.0		102	70-130		5.07	20	
1,3-Dichloropropane	9.98		"	10.0		99.8	81-125		2.28	30	
1,4-Dichlorobenzene	9.97		"	10.0		99.7	70-130		5.08	20	
1,4-Dioxane	91.0		"	210		43.3	40-160		9.11	20	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE90972 - EPA 5030B

LCS Dup (BE90972-BSD1) Prepared & Analyzed: 05/16/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
2,2-Dichloropropane	11.1		ug/L	10.0		111	56-150		9.69	30	
2-Butanone	10.0		"	10.0		100	40-160		13.2	20	
2-Chlorotoluene	10.7		"	10.0		107	79-130		5.11	30	
2-Hexanone	9.99		"	10.0		99.9	40-160		4.50	20	
4-Chlorotoluene	10.7		"	10.0		107	79-128		5.72	30	
4-Methyl-2-pentanone	9.20		"	10.0		92.0	40-160		1.62	20	
Acetone	9.24		"	10.0		92.4	40-160		22.6	20	Non-dir.
Acrolein	9.29		"	10.0		92.9	10-153		20.1	30	
Acrylonitrile	8.01		"	10.0		80.1	51-150		16.2	30	
Benzene	10.9		"	10.0		109	70-130		10.2	20	
Bromobenzene	10.5		"	10.0		105	78-129		2.62	30	
Bromochloromethane	10.8		"	10.0		108	70-130		10.0	20	
Bromodichloromethane	10.4		"	10.0		104	70-130		0.675	20	
Bromoform	9.20		"	10.0		92.0	70-130		0.545	20	
Bromomethane	9.35		"	10.0		93.5	40-160		11.7	20	
Carbon disulfide	11.5		"	10.0		115	40-160		11.6	20	
Carbon tetrachloride	10.6		"	10.0		106	70-130		13.2	20	
Chlorobenzene	10.3		"	10.0		103	70-130		2.11	20	
Chloroethane	11.9		"	10.0		119	40-160		9.57	20	
Chloroform	10.5		"	10.0		105	70-130		9.92	20	
Chloromethane	11.6		"	10.0		116	40-160		12.9	20	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	70-130		10.5	20	
cis-1,3-Dichloropropylene	10.6		"	10.0		106	70-130		0.281	20	
Cyclohexane	11.1		"	10.0		111	70-130		10.6	20	
Dibromochloromethane	9.64		"	10.0		96.4	70-130		0.929	20	
Dibromomethane	9.83		"	10.0		98.3	72-134		0.203	30	
Dichlorodifluoromethane	13.2		"	10.0		132	40-160		10.2	20	
Ethyl Benzene	10.6		"	10.0		106	70-130		3.34	20	
Hexachlorobutadiene	8.81		"	10.0		88.1	67-146		4.00	30	
Isopropylbenzene	10.8		"	10.0		108	70-130		3.37	20	
Methyl acetate	9.27		"	10.0		92.7	70-130		7.88	20	
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	70-130		10.1	20	
Methylcyclohexane	10.6		"	10.0		106	70-130		3.60	20	
Methylene chloride	10.2		"	10.0		102	70-130		9.45	20	
n-Butylbenzene	10.0		"	10.0		100	79-132		10.6	30	
n-Propylbenzene	10.9		"	10.0		109	78-133		2.63	30	
o-Xylene	10.4		"	10.0		104	70-130		3.78	20	
p- & m- Xylenes	21.3		"	20.0		107	70-130		3.64	20	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		4.17	30	
sec-Butylbenzene	10.5		"	10.0		105	79-137		5.09	30	
Styrene	10.2		"	10.0		102	70-130		3.57	20	
tert-Butyl alcohol (TBA)	30.9		"	50.0		61.8	25-162		12.7	30	
tert-Butylbenzene	10.2		"	10.0		102	77-138		4.95	30	
Tetrachloroethylene	8.36		"	10.0		83.6	70-130		5.36	20	
Toluene	10.5		"	10.0		105	70-130		3.55	20	
trans-1,2-Dichloroethylene	11.2		"	10.0		112	70-130		10.7	20	
trans-1,3-Dichloropropylene	10.1		"	10.0		101	70-130		4.94	20	
Trichloroethylene	10.6		"	10.0		106	70-130		1.81	20	
Trichlorofluoromethane	11.5		"	10.0		115	40-160		10.8	20	
Vinyl acetate	8.60		"	10.0		86.0	21-90		13.9	30	
Vinyl Chloride	12.3		"	10.0		123	70-130		12.8	20	

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 BE90972 - EPA 5030B											
LCS Dup (BE90972-BSD1)								Prepared & Analyzed: 05/16/2019			
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.56*		*ug/L*	*10.0*		*85.6*	*70-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*70-130*				
Matrix Spike (BE90972-MS1)	*Source sample: 19E0591-32 (MW002)							Prepared & Analyzed: 05/16/2019			
1,1,1,2-Tetrachloroethane	9.89		ug/L	10.0	0.00	98.9	45-161			30	
1,1,1-Trichloroethane	10.1		"	10.0	0.00	101	70-130			20	
1,1,2,2-Tetrachloroethane	11.3		"	10.0	0.00	113	70-130			20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.88		"	10.0	0.00	88.8	70-130			20	
1,1,2-Trichloroethane	9.47		"	10.0	0.00	94.7	70-130			20	
1,1-Dichloroethane	10.5		"	10.0	0.00	105	70-130			20	
1,1-Dichloroethylene	10.2		"	10.0	0.00	102	70-130			20	
1,1-Dichloropropylene	9.59		"	10.0	0.00	95.9	82-134			30	
1,2,3-Trichlorobenzene	7.06		"	10.0	0.00	70.6	70-130			20	
1,2,3-Trichloropropane	10.2		"	10.0	0.00	102	74-127			30	
1,2,4-Trichlorobenzene	6.76		"	10.0	0.00	67.6	70-130	Low Bias		20	
1,2,4-Trimethylbenzene	8.77		"	10.0	0.00	87.7	72-129			20	
1,2-Dibromo-3-chloropropane	9.29		"	10.0	0.00	92.9	40-160			20	
1,2-Dibromoethane	9.45		"	10.0	0.00	94.5	70-130			20	
1,2-Dichlorobenzene	8.50		"	10.0	0.00	85.0	70-130			20	
1,2-Dichloroethane	10.1		"	10.0	0.00	101	70-130			20	
1,2-Dichloropropane	9.73		"	10.0	0.00	97.3	70-130			20	
1,3,5-Trimethylbenzene	9.03		"	10.0	0.00	90.3	69-126			30	
1,3-Dichlorobenzene	8.38		"	10.0	0.00	83.8	70-130			20	
1,3-Dichloropropane	9.92		"	10.0	0.00	99.2	77-119			30	
1,4-Dichlorobenzene	8.19		"	10.0	0.00	81.9	70-130			20	
1,4-Dioxane	51.4		"	210	0.00	24.5	40-160	Low Bias		20	
2,2-Dichloropropane	10.5		"	10.0	0.00	105	10-160			30	
2-Butanone	7.51		"	10.0	0.00	75.1	40-160			20	
2-Chlorotoluene	9.70		"	10.0	0.00	97.0	70-126			30	
2-Hexanone	8.57		"	10.0	0.00	85.7	40-160			20	
4-Chlorotoluene	9.23		"	10.0	0.00	92.3	69-124			30	
4-Methyl-2-pentanone	9.41		"	10.0	0.00	94.1	40-160			20	
Acetone	5.82		"	10.0	0.870	49.5	40-160			20	
Acrolein	8.16		"	10.0	0.00	81.6	10-195			30	
Acrylonitrile	8.35		"	10.0	0.00	83.5	37-165			30	
Benzene	10.3		"	10.0	0.00	103	70-130			20	
Bromobenzene	10.2		"	10.0	0.00	102	72-122			30	
Bromochloromethane	10.5		"	10.0	0.00	105	70-130			20	
Bromodichloromethane	9.74		"	10.0	0.00	97.4	70-130			20	
Bromoform	9.04		"	10.0	0.00	90.4	70-130			20	
Bromomethane	8.90		"	10.0	0.00	89.0	40-160			20	
Carbon disulfide	10.8		"	10.0	0.00	108	40-160			20	
Carbon tetrachloride	9.82		"	10.0	0.00	98.2	70-130			20	
Chlorobenzene	9.25		"	10.0	0.00	92.5	70-130			20	
Chloroethane	12.3		"	10.0	0.00	123	40-160			20	
Chloroform	10.0		"	10.0	0.00	100	70-130			20	
Chloromethane	11.3		"	10.0	0.00	113	40-160			20	
cis-1,2-Dichloroethylene	10.4		"	10.0	0.00	104	70-130			20	
cis-1,3-Dichloropropylene	9.76		"	10.0	0.00	97.6	70-130			20	

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 BE90972 - EPA 5030B											
Matrix Spike (BE90972-MS1)	*Source sample: 19E0591-32 (MW002)							Prepared & Analyzed: 05/16/2019			
Cyclohexane	9.37		ug/L	10.0	0.00	93.7	70-130			20	
Dibromochloromethane	9.80		"	10.0	0.00	98.0	70-130			20	
Dibromomethane	9.60		"	10.0	0.00	96.0	76-120			30	
Dichlorodifluoromethane	13.9		"	10.0	0.00	139	40-160			20	
Ethyl Benzene	9.40		"	10.0	0.00	94.0	70-130			20	
Hexachlorobutadiene	6.86		"	10.0	0.00	68.6	34-166			30	
Isopropylbenzene	8.81		"	10.0	0.00	88.1	70-130			20	
Methyl acetate	8.97		"	10.0	0.00	89.7	70-130			20	
Methyl tert-butyl ether (MTBE)	10.2		"	10.0	0.00	102	70-130			20	
Methylcyclohexane	8.23		"	10.0	0.00	82.3	70-130			20	
Methylene chloride	9.98		"	10.0	0.00	99.8	70-130			20	
n-Butylbenzene	7.51		"	10.0	0.00	75.1	61-138			30	
n-Propylbenzene	8.88		"	10.0	0.00	88.8	66-134			30	
o-Xylene	9.41		"	10.0	0.00	94.1	70-130			20	
p- & m- Xylenes	18.4		"	20.0	0.00	92.1	70-130			20	
p-Isopropyltoluene	13.1		"	10.0	5.51	75.6	64-137			30	
sec-Butylbenzene	8.56		"	10.0	0.00	85.6	53-155			30	
Styrene	9.06		"	10.0	0.00	90.6	70-130			20	
tert-Butyl alcohol (TBA)	31.8		"	50.0	0.00	63.7	10-130			30	
tert-Butylbenzene	8.80		"	10.0	0.00	88.0	65-139			30	
Tetrachloroethylene	5.60		"	10.0	0.00	56.0	70-130	Low Bias		20	
Toluene	9.69		"	10.0	0.00	96.9	70-130			20	
trans-1,2-Dichloroethylene	10.2		"	10.0	0.00	102	70-130			20	
trans-1,3-Dichloropropylene	9.79		"	10.0	0.00	97.9	70-130			20	
Trichloroethylene	9.29		"	10.0	0.00	92.9	70-130			20	
Trichlorofluoromethane	11.2		"	10.0	0.00	112	40-160			20	
Vinyl acetate	8.52		"	10.0	0.00	85.2	10-87			30	
Vinyl Chloride	14.3		"	10.0	0.00	143	70-130	High Bias		20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.59*		*"*	*10.0*		*95.9*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*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
Batch BE90972 - EPA 5030B											
Matrix Spike Dup (BE90972-MSD1)	*Source sample: 19E0591-32 (MW002)							Prepared & Analyzed: 05/16/2019			
1,1,1,2-Tetrachloroethane	9.58		ug/L	10.0	0.00	95.8	45-161		3.18	30	
1,1,1-Trichloroethane	9.85		"	10.0	0.00	98.5	70-130		2.21	20	
1,1,2,2-Tetrachloroethane	10.6		"	10.0	0.00	106	70-130		6.31	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.93		"	10.0	0.00	79.3	70-130		11.3	20	
1,1,2-Trichloroethane	9.24		"	10.0	0.00	92.4	70-130		2.46	20	
1,1-Dichloroethane	10.2		"	10.0	0.00	102	70-130		2.50	20	
1,1-Dichloroethylene	10.0		"	10.0	0.00	100	70-130		1.19	20	
1,1-Dichloropropylene	9.03		"	10.0	0.00	90.3	82-134		6.02	30	
1,2,3-Trichlorobenzene	6.44		"	10.0	0.00	64.4	70-130	Low Bias	9.19	20	
1,2,3-Trichloropropane	10.1		"	10.0	0.00	101	74-127		0.786	30	
1,2,4-Trichlorobenzene	6.17		"	10.0	0.00	61.7	70-130	Low Bias	9.13	20	
1,2,4-Trimethylbenzene	7.78		"	10.0	0.00	77.8	72-129		12.0	20	
1,2-Dibromo-3-chloropropane	9.30		"	10.0	0.00	93.0	40-160		0.108	20	
1,2-Dibromoethane	9.50		"	10.0	0.00	95.0	70-130		0.528	20	
1,2-Dichlorobenzene	8.00		"	10.0	0.00	80.0	70-130		6.06	20	
1,2-Dichloroethane	9.99		"	10.0	0.00	99.9	70-130		1.39	20	
1,2-Dichloropropane	9.64		"	10.0	0.00	96.4	70-130		0.929	20	
1,3,5-Trimethylbenzene	8.17		"	10.0	0.00	81.7	69-126		10.0	30	
1,3-Dichlorobenzene	7.65		"	10.0	0.00	76.5	70-130		9.11	20	
1,3-Dichloropropane	9.96		"	10.0	0.00	99.6	77-119		0.402	30	
1,4-Dichlorobenzene	7.77		"	10.0	0.00	77.7	70-130		5.26	20	
1,4-Dioxane	93.1		"	210	0.00	44.3	40-160		57.7	20	Non-dir.
2,2-Dichloropropane	10.2		"	10.0	0.00	102	10-160		3.77	30	
2-Butanone	7.78		"	10.0	0.00	77.8	40-160		3.53	20	
2-Chlorotoluene	8.90		"	10.0	0.00	89.0	70-126		8.60	30	
2-Hexanone	8.49		"	10.0	0.00	84.9	40-160		0.938	20	
4-Chlorotoluene	8.58		"	10.0	0.00	85.8	69-124		7.30	30	
4-Methyl-2-pentanone	9.56		"	10.0	0.00	95.6	40-160		1.58	20	
Acetone	5.80		"	10.0	0.870	49.3	40-160		0.344	20	
Acrolein	9.76		"	10.0	0.00	97.6	10-195		17.9	30	
Acrylonitrile	8.37		"	10.0	0.00	83.7	37-165		0.239	30	
Benzene	10.1		"	10.0	0.00	101	70-130		2.06	20	
Bromobenzene	9.65		"	10.0	0.00	96.5	72-122		5.93	30	
Bromochloromethane	10.4		"	10.0	0.00	104	70-130		0.478	20	
Bromodichloromethane	9.86		"	10.0	0.00	98.6	70-130		1.22	20	
Bromoform	9.26		"	10.0	0.00	92.6	70-130		2.40	20	
Bromomethane	10.6		"	10.0	0.00	106	40-160		17.4	20	
Carbon disulfide	10.6		"	10.0	0.00	106	40-160		1.78	20	
Carbon tetrachloride	9.68		"	10.0	0.00	96.8	70-130		1.44	20	
Chlorobenzene	8.94		"	10.0	0.00	89.4	70-130		3.41	20	
Chloroethane	12.0		"	10.0	0.00	120	40-160		2.79	20	
Chloroform	10.0		"	10.0	0.00	100	70-130		0.399	20	
Chloromethane	12.2		"	10.0	0.00	122	40-160		7.55	20	
cis-1,2-Dichloroethylene	10.2		"	10.0	0.00	102	70-130		2.23	20	
cis-1,3-Dichloropropylene	9.73		"	10.0	0.00	97.3	70-130		0.308	20	
Cyclohexane	8.55		"	10.0	0.00	85.5	70-130		9.15	20	
Dibromochloromethane	9.52		"	10.0	0.00	95.2	70-130		2.90	20	
Dibromomethane	9.13		"	10.0	0.00	91.3	76-120		5.02	30	
Dichlorodifluoromethane	13.0		"	10.0	0.00	130	40-160		6.24	20	
Ethyl Benzene	8.74		"	10.0	0.00	87.4	70-130		7.28	20	

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 BE90972 - EPA 5030B											
Matrix Spike Dup (BE90972-MSD1)	*Source sample: 19E0591-32 (MW002)							Prepared & Analyzed: 05/16/2019			
Hexachlorobutadiene	5.84		ug/L	10.0	0.00	58.4	34-166		16.1	30	
Isopropylbenzene	8.00		"	10.0	0.00	80.0	70-130		9.64	20	
Methyl acetate	8.93		"	10.0	0.00	89.3	70-130		0.447	20	
Methyl tert-butyl ether (MTBE)	10.4		"	10.0	0.00	104	70-130		1.36	20	
Methylcyclohexane	7.01		"	10.0	0.00	70.1	70-130		16.0	20	
Methylene chloride	9.93		"	10.0	0.00	99.3	70-130		0.502	20	
n-Butylbenzene	6.25		"	10.0	0.00	62.5	61-138		18.3	30	
n-Propylbenzene	8.04		"	10.0	0.00	80.4	66-134		9.93	30	
o-Xylene	8.73		"	10.0	0.00	87.3	70-130		7.50	20	
p- & m- Xylenes	17.1		"	20.0	0.00	85.6	70-130		7.32	20	
p-Isopropyltoluene	12.3		"	10.0	5.51	67.5	64-137		6.40	30	
sec-Butylbenzene	7.42		"	10.0	0.00	74.2	53-155		14.3	30	
Styrene	8.58		"	10.0	0.00	85.8	70-130		5.44	20	
tert-Butyl alcohol (TBA)	34.2		"	50.0	0.00	68.5	10-130		7.32	30	
tert-Butylbenzene	7.79		"	10.0	0.00	77.9	65-139		12.2	30	
Tetrachloroethylene	5.07		"	10.0	0.00	50.7	70-130	Low Bias	9.93	20	
Toluene	9.39		"	10.0	0.00	93.9	70-130		3.14	20	
trans-1,2-Dichloroethylene	9.92		"	10.0	0.00	99.2	70-130		2.59	20	
trans-1,3-Dichloropropylene	9.90		"	10.0	0.00	99.0	70-130		1.12	20	
Trichloroethylene	8.81		"	10.0	0.00	88.1	70-130		5.30	20	
Trichlorofluoromethane	10.5		"	10.0	0.00	105	40-160		6.08	20	
Vinyl acetate	8.77		"	10.0	0.00	87.7	10-87	High Bias	2.89	30	
Vinyl Chloride	14.2		"	10.0	0.00	142	70-130	High Bias	0.843	20	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.96*		*"*	*10.0*		*99.6*	*70-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*70-130*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*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
Batch BE91074 - EPA 5035A											
Blank (BE91074-BLK1)											
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	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Prepared & Analyzed: 05/17/2019

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 BE91074 - EPA 5035A											
Blank (BE91074-BLK1)											Prepared & Analyzed: 05/17/2019
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
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	0.025	"								
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	*48.3*		*ug/L*	*50.0*		*96.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.6*		*"*	*50.0*		*111*	*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 BE91074 - EPA 5035A											
Blank (BE91074-BLK2)											Prepared & Analyzed: 05/17/2019
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2,2-Dichloropropane	ND	0.50	"								
2-Butanone	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								

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 BE91074 - EPA 5035A											
Blank (BE91074-BLK2)											Prepared & Analyzed: 05/17/2019
Hexachlorobutadiene	ND	0.50	mg/kg wet								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.5	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl acetate	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.1*		*"*	*50.0*		*110*	*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 BE91074 - EPA 5035A											
LCS (BE91074-BS1)								Prepared & Analyzed: 05/17/2019			
1,1,1,2-Tetrachloroethane	49.9		ug/L	50.0		99.8	75-129				
1,1,1-Trichloroethane	51.8		"	50.0		104	71-137				
1,1,2,2-Tetrachloroethane	46.6		"	50.0		93.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.9		"	50.0		106	58-146				
1,1,2-Trichloroethane	48.3		"	50.0		96.5	83-123				
1,1-Dichloroethane	51.1		"	50.0		102	75-130				
1,1-Dichloroethylene	50.6		"	50.0		101	64-137				
1,1-Dichloropropylene	51.0		"	50.0		102	77-127				
1,2,3-Trichlorobenzene	46.6		"	50.0		93.3	81-140				
1,2,3-Trichloropropane	46.4		"	50.0		92.8	81-126				
1,2,4-Trichlorobenzene	46.0		"	50.0		92.0	80-141				
1,2,4-Trimethylbenzene	44.4		"	50.0		88.7	84-125				
1,2-Dibromo-3-chloropropane	45.5		"	50.0		91.1	74-142				
1,2-Dibromoethane	47.7		"	50.0		95.4	86-123				
1,2-Dichlorobenzene	46.3		"	50.0		92.6	85-122				
1,2-Dichloroethane	53.3		"	50.0		107	71-133				
1,2-Dichloropropane	44.8		"	50.0		89.6	81-122				
1,3,5-Trimethylbenzene	44.8		"	50.0		89.5	82-126				
1,3-Dichlorobenzene	46.6		"	50.0		93.3	84-124				
1,3-Dichloropropane	48.2		"	50.0		96.3	83-123				
1,4-Dichlorobenzene	45.9		"	50.0		91.8	84-124				
1,4-Dioxane	938		"	1050		89.3	10-228				
2,2-Dichloropropane	51.0		"	50.0		102	67-136				
2-Butanone	48.9		"	50.0		97.7	58-147				
2-Chlorotoluene	44.2		"	50.0		88.5	78-127				
2-Hexanone	46.2		"	50.0		92.3	70-139				
4-Chlorotoluene	44.4		"	50.0		88.8	79-125				
4-Methyl-2-pentanone	48.3		"	50.0		96.6	72-132				
Acetone	36.2		"	50.0		72.3	36-155				
Acrolein	62.7		"	50.0		125	10-238				
Acrylonitrile	51.4		"	50.0		103	66-141				
Benzene	52.4		"	50.0		105	77-127				
Bromobenzene	46.5		"	50.0		92.9	77-129				
Bromochloromethane	50.9		"	50.0		102	74-129				
Bromodichloromethane	48.7		"	50.0		97.4	81-124				
Bromoform	51.7		"	50.0		103	80-136				
Bromomethane	52.4		"	50.0		105	32-177				
Carbon disulfide	55.6		"	50.0		111	10-136				
Carbon tetrachloride	53.2		"	50.0		106	66-143				
Chlorobenzene	48.0		"	50.0		96.0	86-120				
Chloroethane	48.9		"	50.0		97.8	51-142				
Chloroform	51.8		"	50.0		104	76-131				
Chloromethane	57.5		"	50.0		115	49-132				
cis-1,2-Dichloroethylene	52.4		"	50.0		105	74-132				
cis-1,3-Dichloropropylene	47.0		"	50.0		93.9	81-129				
Cyclohexane	63.0		"	50.0		126	70-130				
Dibromochloromethane	52.1		"	50.0		104	10-200				
Dibromomethane	49.2		"	50.0		98.4	83-124				
Dichlorodifluoromethane	64.0		"	50.0		128	28-158				
Ethyl Benzene	46.8		"	50.0		93.6	84-125				

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 BE91074 - EPA 5035A											
LCS (BE91074-BS1)								Prepared & Analyzed: 05/17/2019			
Hexachlorobutadiene	47.4		ug/L	50.0		94.8	83-133				
Isopropylbenzene	44.8		"	50.0		89.7	81-127				
Methyl acetate	46.2		"	50.0		92.5	41-143				
Methyl tert-butyl ether (MTBE)	51.3		"	50.0		103	74-131				
Methylcyclohexane	47.9		"	50.0		95.7	70-130				
Methylene chloride	51.3		"	50.0		103	57-141				
n-Butylbenzene	45.4		"	50.0		90.7	80-130				
n-Propylbenzene	44.5		"	50.0		89.0	74-136				
o-Xylene	46.4		"	50.0		92.7	83-123				
p- & m- Xylenes	90.8		"	100		90.8	82-128				
p-Isopropyltoluene	46.5		"	50.0		93.0	85-125				
sec-Butylbenzene	48.0		"	50.0		95.9	83-125				
Styrene	46.5		"	50.0		93.0	86-126				
tert-Butyl alcohol (TBA)	255		"	250		102	70-130				
tert-Butylbenzene	39.3		"	50.0		78.6	80-127	Low Bias			
Tetrachloroethylene	47.5		"	50.0		94.9	80-129				
Toluene	47.5		"	50.0		95.0	85-121				
trans-1,2-Dichloroethylene	51.1		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	46.7		"	50.0		93.4	78-132				
Trichloroethylene	46.4		"	50.0		92.8	84-123				
Trichlorofluoromethane	59.5		"	50.0		119	62-140				
Vinyl acetate	37.3		"	50.0		74.6	67-136				
Vinyl Chloride	64.1		"	50.0		128	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*94.9*	*76-130*				
LCS Dup (BE91074-BSD1)								Prepared & Analyzed: 05/17/2019			
1,1,1,2-Tetrachloroethane	47.4		ug/L	50.0		94.9	75-129		5.01	30	
1,1,1-Trichloroethane	52.0		"	50.0		104	71-137		0.251	30	
1,1,2,2-Tetrachloroethane	47.8		"	50.0		95.6	79-129		2.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.6		"	50.0		105	58-146		0.569	30	
1,1,2-Trichloroethane	48.1		"	50.0		96.2	83-123		0.353	30	
1,1-Dichloroethane	51.0		"	50.0		102	75-130		0.157	30	
1,1-Dichloroethylene	49.6		"	50.0		99.2	64-137		2.04	30	
1,1-Dichloropropylene	50.5		"	50.0		101	77-127		0.945	30	
1,2,3-Trichlorobenzene	47.1		"	50.0		94.1	81-140		0.896	30	
1,2,3-Trichloropropane	48.3		"	50.0		96.7	81-126		4.07	30	
1,2,4-Trichlorobenzene	45.7		"	50.0		91.5	80-141		0.589	30	
1,2,4-Trimethylbenzene	44.1		"	50.0		88.1	84-125		0.633	30	
1,2-Dibromo-3-chloropropane	49.8		"	50.0		99.5	74-142		8.88	30	
1,2-Dibromoethane	48.5		"	50.0		97.0	86-123		1.73	30	
1,2-Dichlorobenzene	46.8		"	50.0		93.7	85-122		1.14	30	
1,2-Dichloroethane	55.3		"	50.0		111	71-133		3.76	30	
1,2-Dichloropropane	46.2		"	50.0		92.4	81-122		3.05	30	
1,3,5-Trimethylbenzene	44.0		"	50.0		88.0	82-126		1.71	30	
1,3-Dichlorobenzene	46.7		"	50.0		93.3	84-124		0.0429	30	
1,3-Dichloropropane	48.5		"	50.0		97.0	83-123		0.703	30	
1,4-Dichlorobenzene	44.9		"	50.0		89.7	84-124		2.27	30	
1,4-Dioxane	976		"	1050		92.9	10-228		3.99	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

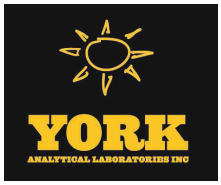
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91074 - EPA 5035A											
LCS Dup (BE91074-BSD1)								Prepared & Analyzed: 05/17/2019			
2,2-Dichloropropane	52.0		ug/L	50.0		104	67-136		1.94	30	
2-Butanone	49.8		"	50.0		99.6	58-147		1.95	30	
2-Chlorotoluene	43.6		"	50.0		87.2	78-127		1.41	30	
2-Hexanone	47.9		"	50.0		95.7	70-139		3.64	30	
4-Chlorotoluene	43.1		"	50.0		86.2	79-125		2.99	30	
4-Methyl-2-pentanone	50.3		"	50.0		101	72-132		4.02	30	
Acetone	39.4		"	50.0		78.9	36-155		8.67	30	
Acrolein	55.6		"	50.0		111	10-238		12.0	30	
Acrylonitrile	53.6		"	50.0		107	66-141		4.15	30	
Benzene	52.1		"	50.0		104	77-127		0.612	30	
Bromobenzene	45.3		"	50.0		90.7	77-129		2.46	30	
Bromochloromethane	53.5		"	50.0		107	74-129		4.94	30	
Bromodichloromethane	49.4		"	50.0		98.8	81-124		1.47	30	
Bromoform	52.3		"	50.0		105	80-136		1.27	30	
Bromomethane	44.0		"	50.0		88.0	32-177		17.5	30	
Carbon disulfide	53.8		"	50.0		108	10-136		3.35	30	
Carbon tetrachloride	54.2		"	50.0		108	66-143		1.92	30	
Chlorobenzene	47.0		"	50.0		94.0	86-120		2.08	30	
Chloroethane	49.3		"	50.0		98.5	51-142		0.754	30	
Chloroform	52.4		"	50.0		105	76-131		1.09	30	
Chloromethane	55.0		"	50.0		110	49-132		4.32	30	
cis-1,2-Dichloroethylene	51.8		"	50.0		104	74-132		1.32	30	
cis-1,3-Dichloropropylene	47.5		"	50.0		94.9	81-129		1.08	30	
Cyclohexane	63.5		"	50.0		127	70-130		0.854	30	
Dibromochloromethane	52.8		"	50.0		106	10-200		1.32	30	
Dibromomethane	48.8		"	50.0		97.6	83-124		0.857	30	
Dichlorodifluoromethane	55.0		"	50.0		110	28-158		15.3	30	
Ethyl Benzene	45.5		"	50.0		91.1	84-125		2.77	30	
Hexachlorobutadiene	48.4		"	50.0		96.9	83-133		2.13	30	
Isopropylbenzene	44.8		"	50.0		89.5	81-127		0.134	30	
Methyl acetate	47.5		"	50.0		95.0	41-143		2.69	30	
Methyl tert-butyl ether (MTBE)	53.2		"	50.0		106	74-131		3.52	30	
Methylcyclohexane	47.3		"	50.0		94.6	70-130		1.22	30	
Methylene chloride	50.1		"	50.0		100	57-141		2.48	30	
n-Butylbenzene	45.0		"	50.0		90.1	80-130		0.686	30	
n-Propylbenzene	44.2		"	50.0		88.5	74-136		0.586	30	
o-Xylene	45.0		"	50.0		90.0	83-123		2.95	30	
p- & m- Xylenes	89.8		"	100		89.8	82-128		1.09	30	
p-Isopropyltoluene	46.0		"	50.0		92.0	85-125		1.08	30	
sec-Butylbenzene	48.0		"	50.0		95.9	83-125		0.0417	30	
Styrene	45.6		"	50.0		91.2	86-126		1.93	30	
tert-Butyl alcohol (TBA)	265		"	250		106	70-130		4.05	30	
tert-Butylbenzene	39.1		"	50.0		78.2	80-127	Low Bias	0.536	30	
Tetrachloroethylene	45.9		"	50.0		91.8	80-129		3.32	30	
Toluene	47.2		"	50.0		94.3	85-121		0.782	30	
trans-1,2-Dichloroethylene	50.4		"	50.0		101	72-132		1.30	30	
trans-1,3-Dichloropropylene	48.0		"	50.0		96.0	78-132		2.77	30	
Trichloroethylene	47.3		"	50.0		94.6	84-123		1.86	30	
Trichlorofluoromethane	60.7		"	50.0		121	62-140		2.08	30	
Vinyl acetate	40.4		"	50.0		80.7	67-136		7.85	30	
Vinyl Chloride	46.7		"	50.0		93.4	52-130		31.4	30	Non-dir.

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 BE91074 - EPA 5035A											
LCS Dup (BE91074-BSD1)								Prepared & Analyzed: 05/17/2019			
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.5*		*"*	*50.0*		*95.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.5*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91020 - EPA 3510C											
LCS (BE91020-BS2)								Prepared: 05/16/2019 Analyzed: 05/17/2019			
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
1,2,4-Trichlorobenzene	ND	5.00	"	1.00			20-118	Low Bias			
1,2-Dichlorobenzene	ND	5.00	"	1.00			29-111	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"	1.00			16-141	Low Bias			
1,3-Dichlorobenzene	ND	5.00	"	1.00			23-117	Low Bias			
1,4-Dichlorobenzene	ND	5.00	"	1.00			30-105	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	5.00	"				30-130				
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.750	0.0500	"	1.00		75.0	25-116				
Acenaphthylene	0.730	0.0500	"	1.00		73.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Aniline	ND	5.00	"	1.00			10-117	Low Bias			
Anthracene	0.860	0.0500	"	1.00		86.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.840	0.0500	"	1.00		84.0	33-125				
Benzo(a)pyrene	0.910	0.0500	"	1.00		91.0	32-132				
Benzo(b)fluoranthene	0.890	0.0500	"	1.00		89.0	22-137				
Benzo(g,h,i)perylene	1.13	0.0500	"	1.00		113	10-138				
Benzo(k)fluoranthene	0.870	0.0500	"	1.00		87.0	20-137				
Benzoic acid	ND	50.0	"				30-130				
Benzyl alcohol	ND	5.00	"	1.00			10-117	Low Bias			
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	1.00	0.500	"	1.00		100	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			

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 BE91020 - EPA 3510C											
LCS (BE91020-BS2)								Prepared: 05/16/2019 Analyzed: 05/17/2019			
Chrysene	0.860	0.0500	ug/L	1.00		86.0	32-124				
Dibenzo(a,h)anthracene	1.17	0.0500	"	1.00		117	16-133				
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Fluoranthene	1.00	0.0500	"	1.00		100	32-121				
Fluorene	0.820	0.0500	"	1.00		82.0	28-118				
Hexachlorobenzene	ND	0.0200	"	1.00			23-124	Low Bias			
Hexachlorobutadiene	ND	0.500	"	1.00			15-123	Low Bias			
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	ND	0.500	"	1.00			18-115	Low Bias			
Indeno(1,2,3-cd)pyrene	1.13	0.0500	"	1.00		113	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.900	0.0500	"	1.00		90.0	18-120				
Nitrobenzene	ND	0.250	"	1.00			21-121	Low Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	0.520	0.250	"	1.00		52.0	10-156				
Phenanthrene	0.860	0.0500	"	1.00		86.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.730	0.0500	"	1.00		73.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE91020 - EPA 3510C

Matrix Spike (BE91020-MS1) *Source sample: 19E0591-32 (MW002) Prepared: 05/16/2019 Analyzed: 05/23/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	42.6	11.1	ug/L	27.8	ND	153	26-79	High Bias			
1,2,4,5-Tetrachlorobenzene	65.8	11.1	"	27.8	ND	237	33-90	High Bias			
1,2,4-Trichlorobenzene	46.8	11.1	"	27.8	ND	169	31-88	High Bias			
1,2-Dichlorobenzene	40.9	11.1	"	27.8	ND	147	24-93	High Bias			
1,2-Diphenylhydrazine (as Azobenzene)	43.5	11.1	"	27.8	ND	157	21-107	High Bias			
1,3-Dichlorobenzene	40.7	11.1	"	27.8	ND	146	28-86	High Bias			
1,4-Dichlorobenzene	42.6	11.1	"	27.8	ND	153	25-85	High Bias			
2,3,4,6-Tetrachlorophenol	37.5	11.1	"	27.8	ND	135	30-130	High Bias			
2,4,5-Trichlorophenol	40.5	11.1	"	27.8	ND	146	43-96	High Bias			
2,4,6-Trichlorophenol	47.7	11.1	"	27.8	ND	172	46-94	High Bias			
2,4-Dichlorophenol	47.9	11.1	"	27.8	ND	172	26-101	High Bias			
2,4-Dimethylphenol	43.6	11.1	"	27.8	ND	157	10-104	High Bias			
2,4-Dinitrophenol	17.8	11.1	"	27.8	ND	64.0	10-146				
2,4-Dinitrotoluene	43.4	11.1	"	27.8	ND	156	30-108	High Bias			
2,6-Dinitrotoluene	47.1	11.1	"	27.8	ND	169	38-98	High Bias			
2-Chloronaphthalene	41.9	11.1	"	27.8	ND	151	30-89	High Bias			
2-Chlorophenol	43.9	11.1	"	27.8	ND	158	24-98	High Bias			
2-Methylnaphthalene	46.0	11.1	"	27.8	ND	166	10-112	High Bias			
2-Methylphenol	31.8	11.1	"	27.8	ND	115	10-134				
2-Nitroaniline	43.2	11.1	"	27.8	ND	155	25-110	High Bias			
2-Nitrophenol	50.8	11.1	"	27.8	ND	183	10-139	High Bias			
3- & 4-Methylphenols	26.8	11.1	"	27.8	ND	96.4	10-91	High Bias			
3,3-Dichlorobenzidine	41.0	11.1	"	27.8	ND	148	10-140	High Bias			
3-Nitroaniline	31.6	11.1	"	27.8	ND	114	22-111	High Bias			
4,6-Dinitro-2-methylphenol	18.8	11.1	"	27.8	ND	67.6	10-140				
4-Bromophenyl phenyl ether	46.2	11.1	"	27.8	ND	166	30-108	High Bias			
4-Chloro-3-methylphenol	45.9	11.1	"	27.8	ND	165	11-109	High Bias			
4-Chloroaniline	29.3	11.1	"	27.8	ND	106	10-116				
4-Chlorophenyl phenyl ether	44.9	11.1	"	27.8	ND	162	39-85	High Bias			
4-Nitroaniline	42.6	11.1	"	27.8	ND	153	11-132	High Bias			
4-Nitrophenol	22.6	11.1	"	27.8	ND	81.3	10-82				
Acenaphthene	37.8	0.111	"	27.8	ND	136	31-90	High Bias			
Acenaphthylene	38.4	0.111	"	27.8	ND	138	32-83	High Bias			
Acetophenone	43.4	11.1	"	27.8	ND	156	14-102	High Bias			
Aniline	19.6	11.1	"	27.8	ND	70.7	10-80				
Anthracene	49.5	0.111	"	27.8	ND	178	35-92	High Bias			
Benzaldehyde	59.9	11.1	"	27.8	ND	216	13-87	High Bias			
Benzo(a)anthracene	49.1	0.111	"	27.8	0.300	176	17-117	High Bias			
Benzo(a)pyrene	53.2	0.111	"	27.8	0.344	190	42-110	High Bias			
Benzo(b)fluoranthene	52.6	0.111	"	27.8	0.289	188	18-135	High Bias			
Benzo(g,h,i)perylene	51.4	0.111	"	27.8	0.222	184	10-125	High Bias			
Benzo(k)fluoranthene	47.3	0.111	"	27.8	0.267	169	33-107	High Bias			
Benzoic acid	ND	111	"	31.7	ND		10-162	Low Bias			
Benzyl alcohol	31.8	11.1	"	27.8	ND	114	10-102	High Bias			
Benzyl butyl phthalate	58.4	11.1	"	27.8	ND	210	10-133	High Bias			
Bis(2-chloroethoxy)methane	47.8	11.1	"	27.8	ND	172	18-105	High Bias			
Bis(2-chloroethyl)ether	47.6	11.1	"	27.8	ND	171	10-108	High Bias			
Bis(2-chloroisopropyl)ether	55.7	11.1	"	27.8	ND	201	13-116	High Bias			
Bis(2-ethylhexyl)phthalate	61.7	1.11	"	27.8	ND	222	10-119	High Bias			
Caprolactam	6.13	11.1	"	27.8	ND	22.1	10-75				
Carbazole	50.1	11.1	"	27.8	ND	180	36-108	High Bias			

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 BE91020 - EPA 3510C											
Matrix Spike (BE91020-MS1)	*Source sample: 19E0591-32 (MW002)							Prepared: 05/16/2019 Analyzed: 05/23/2019			
Chrysene	47.3	0.111	ug/L	27.8	0.311	169	23-111	High Bias			
Dibenzo(a,h)anthracene	52.4	0.111	"	27.8	ND	189	10-118	High Bias			
Dibenzofuran	40.5	11.1	"	27.8	ND	146	34-92	High Bias			
Diethyl phthalate	40.8	11.1	"	27.8	ND	147	33-98	High Bias			
Dimethyl phthalate	42.0	11.1	"	27.8	ND	151	18-116	High Bias			
Di-n-butyl phthalate	53.7	11.1	"	27.8	ND	193	25-97	High Bias			
Di-n-octyl phthalate	70.0	11.1	"	27.8	ND	252	10-137	High Bias			
Fluoranthene	50.5	0.111	"	27.8	0.611	180	35-98	High Bias			
Fluorene	40.6	0.111	"	27.8	ND	146	37-87	High Bias			
Hexachlorobenzene	44.2	0.0444	"	27.8	ND	159	16-106	High Bias			
Hexachlorobutadiene	49.0	1.11	"	27.8	ND	176	10-120	High Bias			
Hexachlorocyclopentadiene	14.2	22.2	"	27.8	ND	51.0	10-79				
Hexachloroethane	38.9	1.11	"	27.8	ND	140	10-108	High Bias			
Indeno(1,2,3-cd)pyrene	51.8	0.111	"	27.8	0.200	186	10-120	High Bias			
Isophorone	50.2	11.1	"	27.8	ND	181	25-103	High Bias			
Naphthalene	45.3	0.111	"	27.8	0.122	163	27-92	High Bias			
Nitrobenzene	50.4	0.556	"	27.8	ND	181	10-127	High Bias			
N-Nitrosodimethylamine	23.3	1.11	"	27.8	ND	84.0	10-81	High Bias			
N-nitroso-di-n-propylamine	45.3	11.1	"	27.8	ND	163	19-115	High Bias			
N-Nitrosodiphenylamine	47.8	11.1	"	27.8	ND	172	31-112	High Bias			
Pentachlorophenol	44.8	0.556	"	27.8	ND	161	10-149	High Bias			
Phenanthrene	48.9	0.111	"	27.8	0.289	175	34-94	High Bias			
Phenol	19.9	11.1	"	27.8	ND	71.8	10-61	High Bias			
Pyrene	51.3	0.111	"	27.8	0.744	182	25-122	High Bias			
Pyridine	21.4	11.1	"	28.1	ND	76.4	10-78				
Surrogate: SURR: 2-Fluorophenol	*55.6*		*"*	*55.6*		*100*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*32.1*		*"*	*55.6*		*57.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*48.2*		*"*	*27.8*		*173*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*40.8*		*"*	*27.8*		*147*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*76.3*		*"*	*55.6*		*137*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*45.9*		*"*	*27.8*		*165*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE91020 - EPA 3510C

Matrix Spike Dup (BE91020-MSD1) *Source sample: 19E0591-32 (MW002) Prepared: 05/16/2019 Analyzed: 05/23/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	40.6	11.4	ug/L	28.6	ND	142	26-79	High Bias	4.72	25	
1,2,4,5-Tetrachlorobenzene	60.6	11.4	"	28.6	ND	212	33-90	High Bias	8.27	25	
1,2,4-Trichlorobenzene	43.8	11.4	"	28.6	ND	153	31-88	High Bias	6.63	25	
1,2-Dichlorobenzene	38.7	11.4	"	28.6	ND	135	24-93	High Bias	5.68	25	
1,2-Diphenylhydrazine (as Azobenzene)	40.9	11.4	"	28.6	ND	143	21-107	High Bias	6.04	25	
1,3-Dichlorobenzene	38.3	11.4	"	28.6	ND	134	28-86	High Bias	5.97	25	
1,4-Dichlorobenzene	39.4	11.4	"	28.6	ND	138	25-85	High Bias	7.73	25	
2,3,4,6-Tetrachlorophenol	36.1	11.4	"	28.6	ND	126	30-130		3.92	25	
2,4,5-Trichlorophenol	40.5	11.4	"	28.6	ND	142	43-96	High Bias	0.0768	25	
2,4,6-Trichlorophenol	45.3	11.4	"	28.6	ND	159	46-94	High Bias	5.22	25	
2,4-Dichlorophenol	45.7	11.4	"	28.6	ND	160	26-101	High Bias	4.70	25	
2,4-Dimethylphenol	40.6	11.4	"	28.6	ND	142	10-104	High Bias	7.13	25	
2,4-Dinitrophenol	21.9	11.4	"	28.6	ND	76.8	10-146		21.0	25	
2,4-Dinitrotoluene	42.9	11.4	"	28.6	ND	150	30-108	High Bias	0.994	25	
2,6-Dinitrotoluene	44.5	11.4	"	28.6	ND	156	38-98	High Bias	5.55	25	
2-Chloronaphthalene	39.7	11.4	"	28.6	ND	139	30-89	High Bias	5.30	25	
2-Chlorophenol	41.4	11.4	"	28.6	ND	145	24-98	High Bias	5.69	25	
2-Methylnaphthalene	43.8	11.4	"	28.6	ND	153	10-112	High Bias	4.81	25	
2-Methylphenol	31.8	11.4	"	28.6	ND	111	10-134		0.0139	25	
2-Nitroaniline	41.8	11.4	"	28.6	ND	146	25-110	High Bias	3.12	25	
2-Nitrophenol	50.2	11.4	"	28.6	ND	176	10-139	High Bias	1.24	25	
3- & 4-Methylphenols	26.0	11.4	"	28.6	ND	91.1	10-91	High Bias	2.82	25	
3,3-Dichlorobenzidine	40.4	11.4	"	28.6	ND	141	10-140	High Bias	1.61	25	
3-Nitroaniline	30.5	11.4	"	28.6	ND	107	22-111		3.65	25	
4,6-Dinitro-2-methylphenol	22.2	11.4	"	28.6	ND	77.6	10-140		16.6	25	
4-Bromophenyl phenyl ether	45.0	11.4	"	28.6	ND	157	30-108	High Bias	2.77	25	
4-Chloro-3-methylphenol	44.3	11.4	"	28.6	ND	155	11-109	High Bias	3.58	25	
4-Chloroaniline	28.0	11.4	"	28.6	ND	98.2	10-116		4.41	25	
4-Chlorophenyl phenyl ether	43.8	11.4	"	28.6	ND	153	39-85	High Bias	2.57	25	
4-Nitroaniline	42.4	11.4	"	28.6	ND	149	11-132	High Bias	0.363	25	
4-Nitrophenol	24.6	11.4	"	28.6	ND	86.0	10-82	High Bias	8.46	25	
Acenaphthene	36.5	0.114	"	28.6	ND	128	31-90	High Bias	3.55	25	
Acenaphthylene	36.0	0.114	"	28.6	ND	126	32-83	High Bias	6.27	25	
Acetophenone	40.8	11.4	"	28.6	ND	143	14-102	High Bias	6.22	25	
Aniline	17.4	11.4	"	28.6	ND	60.8	10-80		12.3	25	
Anthracene	49.1	0.114	"	28.6	ND	172	35-92	High Bias	0.933	25	
Benzaldehyde	55.7	11.4	"	28.6	ND	195	13-87	High Bias	7.32	25	
Benzo(a)anthracene	50.2	0.114	"	28.6	0.300	175	17-117	High Bias	2.23	25	
Benzo(a)pyrene	55.4	0.114	"	28.6	0.344	193	42-110	High Bias	3.90	25	
Benzo(b)fluoranthene	54.1	0.114	"	28.6	0.289	188	18-135	High Bias	2.90	25	
Benzo(g,h,i)perylene	53.6	0.114	"	28.6	0.222	187	10-125	High Bias	4.02	25	
Benzo(k)fluoranthene	49.5	0.114	"	28.6	0.267	172	33-107	High Bias	4.68	25	
Benzoic acid	ND	114	"	32.6	ND		10-162	Low Bias		25	
Benzyl alcohol	32.2	11.4	"	28.6	ND	113	10-102	High Bias	1.13	25	
Benzyl butyl phthalate	59.5	11.4	"	28.6	ND	208	10-133	High Bias	1.71	25	
Bis(2-chloroethoxy)methane	44.5	11.4	"	28.6	ND	156	18-105	High Bias	7.00	25	
Bis(2-chloroethyl)ether	44.1	11.4	"	28.6	ND	154	10-108	High Bias	7.55	25	
Bis(2-chloroisopropyl)ether	53.3	11.4	"	28.6	ND	187	13-116	High Bias	4.33	25	
Bis(2-ethylhexyl)phthalate	64.0	1.14	"	28.6	ND	224	10-119	High Bias	3.61	25	
Caprolactam	6.79	11.4	"	28.6	ND	23.8	10-75		10.1	25	
Carbazole	50.4	11.4	"	28.6	ND	177	36-108	High Bias	0.754	25	

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 BE91020 - EPA 3510C											
Matrix Spike Dup (BE91020-MSD1)	*Source sample: 19E0591-32 (MW002)							Prepared: 05/16/2019 Analyzed: 05/23/2019			
Chrysene	47.6	0.114	ug/L	28.6	0.311	165	23-111	High Bias	0.490	25	
Dibenzo(a,h)anthracene	56.6	0.114	"	28.6	ND	198	10-118	High Bias	7.73	25	
Dibenzofuran	38.6	11.4	"	28.6	ND	135	34-92	High Bias	4.71	25	
Diethyl phthalate	40.7	11.4	"	28.6	ND	142	33-98	High Bias	0.282	25	
Dimethyl phthalate	41.1	11.4	"	28.6	ND	144	18-116	High Bias	2.23	25	
Di-n-butyl phthalate	55.8	11.4	"	28.6	ND	195	25-97	High Bias	3.85	25	
Di-n-octyl phthalate	73.8	11.4	"	28.6	ND	258	10-137	High Bias	5.26	25	
Fluoranthene	52.0	0.114	"	28.6	0.611	180	35-98	High Bias	2.77	25	
Fluorene	39.7	0.114	"	28.6	ND	139	37-87	High Bias	2.35	25	
Hexachlorobenzene	43.1	0.0457	"	28.6	ND	151	16-106	High Bias	2.66	25	
Hexachlorobutadiene	45.2	1.14	"	28.6	ND	158	10-120	High Bias	8.04	25	
Hexachlorocyclopentadiene	12.0	22.9	"	28.6	ND	42.1	10-79		16.4	25	
Hexachloroethane	36.7	1.14	"	28.6	ND	128	10-108	High Bias	5.77	25	
Indeno(1,2,3-cd)pyrene	54.4	0.114	"	28.6	0.200	190	10-120	High Bias	4.85	25	
Isophorone	48.3	11.4	"	28.6	ND	169	25-103	High Bias	3.82	25	
Naphthalene	42.4	0.114	"	28.6	0.122	148	27-92	High Bias	6.58	25	
Nitrobenzene	47.8	0.571	"	28.6	ND	167	10-127	High Bias	5.31	25	
N-Nitrosodimethylamine	25.6	1.14	"	28.6	ND	89.6	10-81	High Bias	9.26	25	
N-nitroso-di-n-propylamine	42.9	11.4	"	28.6	ND	150	19-115	High Bias	5.31	25	
N-Nitrosodiphenylamine	44.9	11.4	"	28.6	ND	157	31-112	High Bias	6.37	25	
Pentachlorophenol	44.0	0.571	"	28.6	ND	154	10-149	High Bias	1.70	25	
Phenanthrene	48.4	0.114	"	28.6	0.289	168	34-94	High Bias	1.08	25	
Phenol	20.0	11.4	"	28.6	ND	69.9	10-61	High Bias	0.220	25	
Pyrene	49.8	0.114	"	28.6	0.744	172	25-122	High Bias	2.93	25	
Pyridine	15.5	11.4	"	28.9	ND	53.9	10-78		31.9	25	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*53.0*		"	*57.1*		*92.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*32.7*		"	*57.1*		*57.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*46.7*		"	*28.6*		*163*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*39.1*		"	*28.6*		*137*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*78.2*		"	*57.1*		*137*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*46.8*		"	*28.6*		*164*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE91142 - EPA 3550C

LCS (BE91142-BS1) Prepared: 05/20/2019 Analyzed: 05/22/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.613	0.0416	mg/kg wet	0.831		73.8	18-111				
1,2,4,5-Tetrachlorobenzene	0.654	0.0830	"	0.831		78.8	21-131				
1,2,4-Trichlorobenzene	0.561	0.0416	"	0.831		67.6	10-140				
1,2-Dichlorobenzene	0.556	0.0416	"	0.831		67.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.585	0.0416	"	0.831		70.5	17-137				
1,3-Dichlorobenzene	0.544	0.0416	"	0.831		65.5	33-110				
1,4-Dichlorobenzene	0.557	0.0416	"	0.831		67.0	32-104				
2,3,4,6-Tetrachlorophenol	0.547	0.0830	"	0.831		65.9	30-130				
2,4,5-Trichlorophenol	0.548	0.0416	"	0.831		66.0	27-118				
2,4,6-Trichlorophenol	0.606	0.0416	"	0.831		73.0	31-120				
2,4-Dichlorophenol	0.609	0.0416	"	0.831		73.3	20-127				
2,4-Dimethylphenol	0.609	0.0416	"	0.831		73.3	14-132				
2,4-Dinitrophenol	0.711	0.0830	"	0.831		85.6	10-171				
2,4-Dinitrotoluene	0.640	0.0416	"	0.831		77.0	34-131				
2,6-Dinitrotoluene	0.673	0.0416	"	0.831		81.0	31-128				
2-Chloronaphthalene	0.574	0.0416	"	0.831		69.1	31-117				
2-Chlorophenol	0.594	0.0416	"	0.831		71.5	33-113				
2-Methylnaphthalene	0.613	0.0416	"	0.831		73.8	12-138				
2-Methylphenol	0.519	0.0416	"	0.831		62.5	10-136				
2-Nitroaniline	0.669	0.0830	"	0.831		80.6	27-132				
2-Nitrophenol	0.679	0.0416	"	0.831		81.8	17-129				
3- & 4-Methylphenols	0.467	0.0416	"	0.831		56.2	29-103				
3,3-Dichlorobenzidine	0.731	0.0416	"	0.831		88.0	22-149				
3-Nitroaniline	0.581	0.0830	"	0.831		69.9	20-133				
4,6-Dinitro-2-methylphenol	0.732	0.0830	"	0.831		88.2	10-143				
4-Bromophenyl phenyl ether	0.617	0.0416	"	0.831		74.2	29-120				
4-Chloro-3-methylphenol	0.618	0.0416	"	0.831		74.4	24-129				
4-Chloroaniline	0.502	0.0416	"	0.831		60.4	10-132				
4-Chlorophenyl phenyl ether	0.581	0.0416	"	0.831		70.0	27-124				
4-Nitroaniline	0.644	0.0830	"	0.831		77.5	16-128				
4-Nitrophenol	0.611	0.0830	"	0.831		73.6	10-141				
Acenaphthene	0.560	0.0416	"	0.831		67.5	30-121				
Acenaphthylene	0.579	0.0416	"	0.831		69.7	30-115				
Acetophenone	0.570	0.0416	"	0.831		68.6	20-112				
Aniline	0.548	0.166	"	0.831		66.0	10-119				
Anthracene	0.614	0.0416	"	0.831		74.0	34-118				
Atrazine	0.699	0.0416	"	0.831		84.2	26-112				
Benzaldehyde	0.728	0.0416	"	0.831		87.6	21-100				
Benzo(a)anthracene	0.614	0.0416	"	0.831		73.9	32-122				
Benzo(a)pyrene	0.650	0.0416	"	0.831		78.3	29-133				
Benzo(b)fluoranthene	0.639	0.0416	"	0.831		77.0	25-133				
Benzo(g,h,i)perylene	0.642	0.0416	"	0.831		77.3	10-143				
Benzo(k)fluoranthene	0.574	0.0416	"	0.831		69.1	25-128				
Benzoic acid	0.415	0.0416	"	0.947		43.8	10-140				
Benzyl alcohol	0.651	0.0416	"	0.831		78.4	30-115				
Benzyl butyl phthalate	0.764	0.0416	"	0.831		92.0	26-126				
Bis(2-chloroethoxy)methane	0.601	0.0416	"	0.831		72.4	19-132				
Bis(2-chloroethyl)ether	0.564	0.0416	"	0.831		67.9	19-125				
Bis(2-chloroisopropyl)ether	0.656	0.0416	"	0.831		79.0	20-135				
Bis(2-ethylhexyl)phthalate	0.741	0.0416	"	0.831		89.2	10-155				
Caprolactam	0.686	0.0830	"	0.831		82.6	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91142 - EPA 3550C											
LCS (BE91142-BS1)									Prepared: 05/20/2019 Analyzed: 05/22/2019		
Carbazole	0.611	0.0416	mg/kg wet	0.831		73.6	35-123				
Chrysene	0.578	0.0416	"	0.831		69.6	32-123				
Dibenzo(a,h)anthracene	0.641	0.0416	"	0.831		77.2	10-136				
Dibenzofuran	0.582	0.0416	"	0.831		70.0	29-121				
Diethyl phthalate	0.605	0.0416	"	0.831		72.8	34-116				
Dimethyl phthalate	0.594	0.0416	"	0.831		71.6	35-124				
Di-n-butyl phthalate	0.664	0.0416	"	0.831		80.0	31-116				
Di-n-octyl phthalate	0.869	0.0416	"	0.831		105	26-136				
Fluoranthene	0.635	0.0416	"	0.831		76.4	33-122				
Fluorene	0.579	0.0416	"	0.831		69.7	29-123				
Hexachlorobenzene	0.579	0.0416	"	0.831		69.7	21-124				
Hexachlorobutadiene	0.565	0.0416	"	0.831		68.0	10-149				
Hexachlorocyclopentadiene	0.629	0.0416	"	0.831		75.7	10-129				
Hexachloroethane	0.568	0.0416	"	0.831		68.4	28-108				
Indeno(1,2,3-cd)pyrene	0.669	0.0416	"	0.831		80.6	10-135				
Isophorone	0.612	0.0416	"	0.831		73.7	20-132				
Naphthalene	0.589	0.0416	"	0.831		70.9	23-124				
Nitrobenzene	0.584	0.0416	"	0.831		70.4	13-132				
N-Nitrosodimethylamine	0.562	0.0416	"	0.831		67.7	11-129				
N-nitroso-di-n-propylamine	0.597	0.0416	"	0.831		71.9	24-119				
N-Nitrosodiphenylamine	0.720	0.0416	"	0.831		86.6	22-152				
Pentachlorophenol	0.564	0.0416	"	0.831		67.9	10-139				
Phenanthrene	0.609	0.0416	"	0.831		73.4	33-123				
Phenol	0.585	0.0416	"	0.831		70.5	23-115				
Pyrene	0.593	0.0416	"	0.831		71.4	32-130				
Pyridine	0.422	0.166	"	0.831		50.8	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.16*		"	*1.66*		*70.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.11*		"	*1.66*		*67.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.612*		"	*0.831*		*73.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.573*		"	*0.831*		*69.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.27*		"	*1.66*		*76.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.598*		"	*0.831*		*72.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91142 - EPA 3550C											
Matrix Spike (BE91142-MS1)	*Source sample: 19E0591-04 (SB002 (4-6))							Prepared: 05/20/2019 Analyzed: 05/22/2019			
1,1-Biphenyl	ND	2.68	mg/kg dry	1.07	ND		10-130	Low Bias			
1,2,4,5-Tetrachlorobenzene	ND	5.36	"	1.07	ND		10-133	Low Bias			
1,2,4-Trichlorobenzene	ND	2.68	"	1.07	ND		10-127	Low Bias			
1,2-Dichlorobenzene	ND	2.68	"	1.07	ND		14-111	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	ND	2.68	"	1.07	ND		10-144	Low Bias			
1,3-Dichlorobenzene	ND	2.68	"	1.07	ND		11-111	Low Bias			
1,4-Dichlorobenzene	ND	2.68	"	1.07	ND		10-106	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	5.36	"	1.07	ND		30-130	Low Bias			
2,4,5-Trichlorophenol	ND	2.68	"	1.07	ND		10-127	Low Bias			
2,4,6-Trichlorophenol	ND	2.68	"	1.07	ND		10-132	Low Bias			
2,4-Dichlorophenol	ND	2.68	"	1.07	ND		10-128	Low Bias			
2,4-Dimethylphenol	ND	2.68	"	1.07	ND		10-137	Low Bias			
2,4-Dinitrophenol	ND	5.36	"	1.07	ND		10-171	Low Bias			
2,4-Dinitrotoluene	ND	2.68	"	1.07	ND		16-135	Low Bias			
2,6-Dinitrotoluene	36.8	2.68	"	1.07	ND	NR	18-131	High Bias			
2-Chloronaphthalene	ND	2.68	"	1.07	ND		10-129	Low Bias			
2-Chlorophenol	ND	2.68	"	1.07	ND		15-116	Low Bias			
2-Methylnaphthalene	ND	2.68	"	1.07	ND		10-147	Low Bias			
2-Methylphenol	ND	2.68	"	1.07	ND		10-136	Low Bias			
2-Nitroaniline	ND	5.36	"	1.07	ND		10-137	Low Bias			
2-Nitrophenol	ND	2.68	"	1.07	ND		10-129	Low Bias			
3- & 4-Methylphenols	ND	2.68	"	1.07	ND		10-123	Low Bias			
3,3-Dichlorobenzidine	ND	2.68	"	1.07	ND		10-155	Low Bias			
3-Nitroaniline	ND	5.36	"	1.07	ND		12-133	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.36	"	1.07	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	ND	2.68	"	1.07	ND		14-128	Low Bias			
4-Chloro-3-methylphenol	ND	2.68	"	1.07	ND		10-134	Low Bias			
4-Chloroaniline	ND	2.68	"	1.07	ND		10-145	Low Bias			
4-Chlorophenyl phenyl ether	ND	2.68	"	1.07	ND		14-130	Low Bias			
4-Nitroaniline	ND	5.36	"	1.07	ND		10-147	Low Bias			
4-Nitrophenol	ND	5.36	"	1.07	ND		10-137	Low Bias			
Acenaphthene	ND	2.68	"	1.07	ND		10-146	Low Bias			
Acenaphthylene	ND	2.68	"	1.07	ND		10-134	Low Bias			
Acetophenone	ND	2.68	"	1.07	ND		10-116	Low Bias			
Aniline	ND	10.7	"	1.07	ND		10-123	Low Bias			
Anthracene	1.50	2.68	"	1.07	ND	140	10-142				
Atrazine	ND	2.68	"	1.07	ND		19-115	Low Bias			
Benzaldehyde	ND	2.68	"	1.07	ND		10-125	Low Bias			
Benzo(a)anthracene	3.75	2.68	"	1.07	3.13	57.9	10-158				
Benzo(a)pyrene	3.56	2.68	"	1.07	3.00	51.9	10-180				
Benzo(b)fluoranthene	3.17	2.68	"	1.07	2.30	81.4	10-200				
Benzo(g,h,i)perylene	2.59	2.68	"	1.07	1.94	61.2	10-138				
Benzo(k)fluoranthene	2.59	2.68	"	1.07	2.30	27.4	10-197				
Benzoic acid	ND	2.68	"	1.22	ND		10-166	Low Bias			
Benzyl alcohol	ND	2.68	"	1.07	ND		12-124	Low Bias			
Benzyl butyl phthalate	ND	2.68	"	1.07	ND		10-154	Low Bias			
Bis(2-chloroethoxy)methane	ND	2.68	"	1.07	ND		10-132	Low Bias			
Bis(2-chloroethyl)ether	ND	2.68	"	1.07	ND		10-119	Low Bias			
Bis(2-chloroisopropyl)ether	ND	2.68	"	1.07	ND		10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	ND	2.68	"	1.07	ND		10-167	Low Bias			
Caprolactam	ND	5.36	"	1.07	ND		10-132	Low Bias			

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 BE91142 - EPA 3550C											
Matrix Spike (BE91142-MS1)	*Source sample: 19E0591-04 (SB002 (4-6))							Prepared: 05/20/2019 Analyzed: 05/22/2019			
Carbazole	ND	2.68	mg/kg dry	1.07	ND		10-167	Low Bias			
Chrysene	3.22	2.68	"	1.07	2.68	49.7	10-156				
Dibenzo(a,h)anthracene	ND	2.68	"	1.07	ND		10-137	Low Bias			
Dibenzofuran	ND	2.68	"	1.07	ND		10-147	Low Bias			
Diethyl phthalate	ND	2.68	"	1.07	ND		20-120	Low Bias			
Dimethyl phthalate	ND	2.68	"	1.07	ND		18-131	Low Bias			
Di-n-butyl phthalate	ND	2.68	"	1.07	ND		10-137	Low Bias			
Di-n-octyl phthalate	ND	2.68	"	1.07	ND		10-180	Low Bias			
Fluoranthene	6.48	2.68	"	1.07	5.15	123	10-160				
Fluorene	ND	2.68	"	1.07	ND		10-157	Low Bias			
Hexachlorobenzene	ND	2.68	"	1.07	ND		10-137	Low Bias			
Hexachlorobutadiene	ND	2.68	"	1.07	ND		10-132	Low Bias			
Hexachlorocyclopentadiene	ND	2.68	"	1.07	ND		10-106	Low Bias			
Hexachloroethane	ND	2.68	"	1.07	ND		10-110	Low Bias			
Indeno(1,2,3-cd)pyrene	2.83	2.68	"	1.07	2.15	63.3	10-144				
Isophorone	ND	2.68	"	1.07	ND		10-132	Low Bias			
Naphthalene	ND	2.68	"	1.07	ND		10-141	Low Bias			
Nitrobenzene	ND	2.68	"	1.07	ND		10-131	Low Bias			
N-Nitrosodimethylamine	ND	2.68	"	1.07	ND		10-126	Low Bias			
N-nitroso-di-n-propylamine	ND	2.68	"	1.07	ND		10-125	Low Bias			
N-Nitrosodiphenylamine	ND	2.68	"	1.07	ND		10-177	Low Bias			
Pentachlorophenol	ND	2.68	"	1.07	ND		10-153	Low Bias			
Phenanthrene	4.31	2.68	"	1.07	2.68	152	10-148	High Bias			
Phenol	ND	2.68	"	1.07	ND		10-126	Low Bias			
Pyrene	5.45	2.68	"	1.07	4.79	61.0	10-165				
Pyridine	ND	10.7	"	1.07	ND		10-83	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*1.29*		"	*2.14*		*60.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.16*		"	*2.14*		*54.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.643*		"	*1.07*		*60.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.579*		"	*1.07*		*54.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.29*		"	*2.14*		*60.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.643*		"	*1.07*		*60.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE91142 - EPA 3550C

Matrix Spike Dup (BE91142-MSD1) *Source sample: 19E0591-04 (SB002 (4-6)) Prepared: 05/20/2019 Analyzed: 05/22/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	ND	2.68	mg/kg dry	1.07	ND		10-130	Low Bias		30	
1,2,4,5-Tetrachlorobenzene	ND	5.36	"	1.07	ND		10-133	Low Bias		30	
1,2,4-Trichlorobenzene	ND	2.68	"	1.07	ND		10-127	Low Bias		30	
1,2-Dichlorobenzene	ND	2.68	"	1.07	ND		14-111	Low Bias		30	
1,2-Diphenylhydrazine (as Azobenzene)	ND	2.68	"	1.07	ND		10-144	Low Bias		30	
1,3-Dichlorobenzene	ND	2.68	"	1.07	ND		11-111	Low Bias		30	
1,4-Dichlorobenzene	ND	2.68	"	1.07	ND		10-106	Low Bias		30	
2,3,4,6-Tetrachlorophenol	ND	5.36	"	1.07	ND		30-130	Low Bias		30	
2,4,5-Trichlorophenol	ND	2.68	"	1.07	ND		10-127	Low Bias		30	
2,4,6-Trichlorophenol	ND	2.68	"	1.07	ND		10-132	Low Bias		30	
2,4-Dichlorophenol	ND	2.68	"	1.07	ND		10-128	Low Bias		30	
2,4-Dimethylphenol	ND	2.68	"	1.07	ND		10-137	Low Bias		30	
2,4-Dinitrophenol	ND	5.36	"	1.07	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	ND	2.68	"	1.07	ND		16-135	Low Bias		30	
2,6-Dinitrotoluene	ND	2.68	"	1.07	ND		18-131	Low Bias		30	
2-Chloronaphthalene	ND	2.68	"	1.07	ND		10-129	Low Bias		30	
2-Chlorophenol	ND	2.68	"	1.07	ND		15-116	Low Bias		30	
2-Methylnaphthalene	ND	2.68	"	1.07	ND		10-147	Low Bias		30	
2-Methylphenol	ND	2.68	"	1.07	ND		10-136	Low Bias		30	
2-Nitroaniline	ND	5.36	"	1.07	ND		10-137	Low Bias		30	
2-Nitrophenol	ND	2.68	"	1.07	ND		10-129	Low Bias		30	
3- & 4-Methylphenols	ND	2.68	"	1.07	ND		10-123	Low Bias		30	
3,3-Dichlorobenzidine	ND	2.68	"	1.07	ND		10-155	Low Bias		30	
3-Nitroaniline	ND	5.36	"	1.07	ND		12-133	Low Bias		30	
4,6-Dinitro-2-methylphenol	ND	5.36	"	1.07	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	ND	2.68	"	1.07	ND		14-128	Low Bias		30	
4-Chloro-3-methylphenol	ND	2.68	"	1.07	ND		10-134	Low Bias		30	
4-Chloroaniline	ND	2.68	"	1.07	ND		10-145	Low Bias		30	
4-Chlorophenyl phenyl ether	ND	2.68	"	1.07	ND		14-130	Low Bias		30	
4-Nitroaniline	ND	5.36	"	1.07	ND		10-147	Low Bias		30	
4-Nitrophenol	ND	5.36	"	1.07	ND		10-137	Low Bias		30	
Acenaphthene	ND	2.68	"	1.07	ND		10-146	Low Bias		30	
Acenaphthylene	ND	2.68	"	1.07	ND		10-134	Low Bias		30	
Acetophenone	ND	2.68	"	1.07	ND		10-116	Low Bias		30	
Aniline	ND	10.7	"	1.07	ND		10-123	Low Bias		30	
Anthracene	ND	2.68	"	1.07	ND		10-142	Low Bias		30	
Atrazine	ND	2.68	"	1.07	ND		19-115	Low Bias		30	
Benzaldehyde	ND	2.68	"	1.07	ND		10-125	Low Bias		30	
Benzo(a)anthracene	2.70	2.68	"	1.07	3.13	NR	10-158	Low Bias	32.6	30	Non-dir.
Benzo(a)pyrene	2.81	2.68	"	1.07	3.00	NR	10-180	Low Bias	23.6	30	
Benzo(b)fluoranthene	2.57	2.68	"	1.07	2.30	25.4	10-200		20.9	30	
Benzo(g,h,i)perylene	2.19	2.68	"	1.07	1.94	23.2	10-138		17.0	30	
Benzo(k)fluoranthene	2.12	2.68	"	1.07	2.30	NR	10-197	Low Bias	20.0	30	
Benzoic acid	ND	2.68	"	1.22	ND		10-166	Low Bias		30	
Benzyl alcohol	ND	2.68	"	1.07	ND		12-124	Low Bias		30	
Benzyl butyl phthalate	ND	2.68	"	1.07	ND		10-154	Low Bias		30	
Bis(2-chloroethoxy)methane	ND	2.68	"	1.07	ND		10-132	Low Bias		30	
Bis(2-chloroethyl)ether	ND	2.68	"	1.07	ND		10-119	Low Bias		30	
Bis(2-chloroisopropyl)ether	ND	2.68	"	1.07	ND		10-139	Low Bias		30	
Bis(2-ethylhexyl)phthalate	ND	2.68	"	1.07	ND		10-167	Low Bias		30	
Caprolactam	ND	5.36	"	1.07	ND		10-132	Low Bias		30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91142 - EPA 3550C											
Matrix Spike Dup (BE91142-MSD1)	*Source sample: 19E0591-04 (SB002 (4-6))							Prepared: 05/20/2019 Analyzed: 05/22/2019			
Carbazole	ND	2.68	mg/kg dry	1.07	ND		10-167	Low Bias		30	
Chrysene	2.34	2.68	"	1.07	2.68	NR	10-156	Low Bias	31.7	30	Non-dir.
Dibenzo(a,h)anthracene	ND	2.68	"	1.07	ND		10-137	Low Bias		30	
Dibenzofuran	ND	2.68	"	1.07	ND		10-147	Low Bias		30	
Diethyl phthalate	ND	2.68	"	1.07	ND		20-120	Low Bias		30	
Dimethyl phthalate	ND	2.68	"	1.07	ND		18-131	Low Bias		30	
Di-n-butyl phthalate	ND	2.68	"	1.07	ND		10-137	Low Bias		30	
Di-n-octyl phthalate	ND	2.68	"	1.07	ND		10-180	Low Bias		30	
Fluoranthene	4.42	2.68	"	1.07	5.15	NR	10-160	Low Bias	37.8	30	Non-dir.
Fluorene	ND	2.68	"	1.07	ND		10-157	Low Bias		30	
Hexachlorobenzene	ND	2.68	"	1.07	ND		10-137	Low Bias		30	
Hexachlorobutadiene	ND	2.68	"	1.07	ND		10-132	Low Bias		30	
Hexachlorocyclopentadiene	ND	2.68	"	1.07	ND		10-106	Low Bias		30	
Hexachloroethane	ND	2.68	"	1.07	ND		10-110	Low Bias		30	
Indeno(1,2,3-cd)pyrene	2.62	2.68	"	1.07	2.15	43.3	10-144		7.87	30	
Isophorone	ND	2.68	"	1.07	ND		10-132	Low Bias		30	
Naphthalene	ND	2.68	"	1.07	ND		10-141	Low Bias		30	
Nitrobenzene	ND	2.68	"	1.07	ND		10-131	Low Bias		30	
N-Nitrosodimethylamine	ND	2.68	"	1.07	ND		10-126	Low Bias		30	
N-nitroso-di-n-propylamine	ND	2.68	"	1.07	ND		10-125	Low Bias		30	
N-Nitrosodiphenylamine	ND	2.68	"	1.07	ND		10-177	Low Bias		30	
Pentachlorophenol	ND	2.68	"	1.07	ND		10-153	Low Bias		30	
Phenanthrene	2.64	2.68	"	1.07	2.68	NR	10-148	Low Bias	48.1	30	Non-dir.
Phenol	ND	2.68	"	1.07	ND		10-126	Low Bias		30	
Pyrene	3.69	2.68	"	1.07	4.79	NR	10-165	Low Bias	38.5	30	Non-dir.
Pyridine	ND	10.7	"	1.07	ND		10-83	Low Bias		30	
Surrogate: SURR: 2-Fluorophenol	*1.35*		"	*2.14*		*63.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.33*		"	*2.14*		*62.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.750*		"	*1.07*		*70.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.708*		"	*1.07*		*66.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.35*		"	*2.14*		*63.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.686*		"	*1.07*		*64.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91201 - EPA 3550C											
Blank (BE91201-BLK1)											
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Prepared: 05/20/2019 Analyzed: 05/22/2019

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 BE91201 - EPA 3550C											
Blank (BE91201-BLK1)											
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.09*		"	*1.67*		*65.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.959*		"	*1.67*		*57.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.522*		"	*0.833*		*62.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.445*		"	*0.833*		*53.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.756*		"	*1.67*		*45.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.484*		"	*0.833*		*58.1*	*24-116*				

Prepared: 05/20/2019 Analyzed: 05/22/2019

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 BE91201 - EPA 3550C											
LCS (BE91201-BS1)									Prepared: 05/20/2019 Analyzed: 05/22/2019		
1,1-Biphenyl	0.409	0.0417	mg/kg wet	0.833		49.1	18-111				
1,2,4,5-Tetrachlorobenzene	0.539	0.0833	"	0.833		64.7	21-131				
1,2,4-Trichlorobenzene	0.351	0.0417	"	0.833		42.1	10-140				
1,2-Dichlorobenzene	0.398	0.0417	"	0.833		47.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.454	0.0417	"	0.833		54.5	17-137				
1,3-Dichlorobenzene	0.397	0.0417	"	0.833		47.6	33-110				
1,4-Dichlorobenzene	0.401	0.0417	"	0.833		48.1	32-104				
2,3,4,6-Tetrachlorophenol	1.01	0.0833	"	0.833		121	30-130				
2,4,5-Trichlorophenol	0.389	0.0417	"	0.833		46.7	27-118				
2,4,6-Trichlorophenol	0.447	0.0417	"	0.833		53.7	31-120				
2,4-Dichlorophenol	0.452	0.0417	"	0.833		54.2	20-127				
2,4-Dimethylphenol	0.455	0.0417	"	0.833		54.6	14-132				
2,4-Dinitrophenol	0.364	0.0833	"	0.833		43.6	10-171				
2,4-Dinitrotoluene	0.420	0.0417	"	0.833		50.4	34-131				
2,6-Dinitrotoluene	0.438	0.0417	"	0.833		52.5	31-128				
2-Chloronaphthalene	0.391	0.0417	"	0.833		46.9	31-117				
2-Chlorophenol	0.524	0.0417	"	0.833		62.9	33-113				
2-Methylnaphthalene	0.472	0.0417	"	0.833		56.6	12-138				
2-Methylphenol	0.468	0.0417	"	0.833		56.2	10-136				
2-Nitroaniline	0.523	0.0833	"	0.833		62.8	27-132				
2-Nitrophenol	0.505	0.0417	"	0.833		60.6	17-129				
3- & 4-Methylphenols	0.427	0.0417	"	0.833		51.3	29-103				
3,3-Dichlorobenzidine	0.445	0.0417	"	0.833		53.4	22-149				
3-Nitroaniline	0.457	0.0833	"	0.833		54.8	20-133				
4,6-Dinitro-2-methylphenol	0.369	0.0833	"	0.833		44.3	10-143				
4-Bromophenyl phenyl ether	0.387	0.0417	"	0.833		46.5	29-120				
4-Chloro-3-methylphenol	0.492	0.0417	"	0.833		59.1	24-129				
4-Chloroaniline	0.383	0.0417	"	0.833		45.9	10-132				
4-Chlorophenyl phenyl ether	0.427	0.0417	"	0.833		51.2	27-124				
4-Nitroaniline	0.505	0.0833	"	0.833		60.6	16-128				
4-Nitrophenol	0.555	0.0833	"	0.833		66.6	10-141				
Acenaphthene	0.394	0.0417	"	0.833		47.2	30-121				
Acenaphthylene	0.423	0.0417	"	0.833		50.8	30-115				
Acetophenone	0.461	0.0417	"	0.833		55.3	20-112				
Aniline	0.511	0.167	"	0.833		61.4	10-119				
Anthracene	0.483	0.0417	"	0.833		58.0	34-118				
Atrazine	0.421	0.0417	"	0.833		50.5	26-112				
Benzaldehyde	0.615	0.0417	"	0.833		73.8	21-100				
Benzo(a)anthracene	0.476	0.0417	"	0.833		57.1	32-122				
Benzo(a)pyrene	0.498	0.0417	"	0.833		59.7	29-133				
Benzo(b)fluoranthene	0.478	0.0417	"	0.833		57.4	25-133				
Benzo(g,h,i)perylene	0.465	0.0417	"	0.833		55.8	10-143				
Benzo(k)fluoranthene	0.433	0.0417	"	0.833		51.9	25-128				
Benzoic acid	0.444	0.0417	"	0.950		46.8	10-140				
Benzyl alcohol	0.584	0.0417	"	0.833		70.1	30-115				
Benzyl butyl phthalate	0.656	0.0417	"	0.833		78.7	26-126				
Bis(2-chloroethoxy)methane	0.483	0.0417	"	0.833		58.0	19-132				
Bis(2-chloroethyl)ether	0.518	0.0417	"	0.833		62.2	19-125				
Bis(2-chloroisopropyl)ether	0.597	0.0417	"	0.833		71.6	20-135				
Bis(2-ethylhexyl)phthalate	0.638	0.0417	"	0.833		76.5	10-155				
Caprolactam	0.442	0.0833	"	0.833		53.0	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91201 - EPA 3550C											
LCS (BE91201-BS1)									Prepared: 05/20/2019 Analyzed: 05/22/2019		
Carbazole	0.475	0.0417	mg/kg wet	0.833		57.0	35-123				
Chrysene	0.452	0.0417	"	0.833		54.2	32-123				
Dibenzo(a,h)anthracene	0.471	0.0417	"	0.833		56.5	10-136				
Dibenzofuran	0.481	0.0417	"	0.833		57.8	29-121				
Diethyl phthalate	0.506	0.0417	"	0.833		60.7	34-116				
Dimethyl phthalate	0.480	0.0417	"	0.833		57.6	35-124				
Di-n-butyl phthalate	0.574	0.0417	"	0.833		68.9	31-116				
Di-n-octyl phthalate	0.770	0.0417	"	0.833		92.4	26-136				
Fluoranthene	0.478	0.0417	"	0.833		57.4	33-122				
Fluorene	0.398	0.0417	"	0.833		47.8	29-123				
Hexachlorobenzene	0.357	0.0417	"	0.833		42.8	21-124				
Hexachlorobutadiene	0.336	0.0417	"	0.833		40.4	10-149				
Hexachlorocyclopentadiene	0.193	0.0417	"	0.833		23.1	10-129				
Hexachloroethane	0.408	0.0417	"	0.833		49.0	28-108				
Indeno(1,2,3-cd)pyrene	0.511	0.0417	"	0.833		61.3	10-135				
Isophorone	0.464	0.0417	"	0.833		55.7	20-132				
Naphthalene	0.444	0.0417	"	0.833		53.3	23-124				
Nitrobenzene	0.453	0.0417	"	0.833		54.4	13-132				
N-Nitrosodimethylamine	0.643	0.0417	"	0.833		77.1	11-129				
N-nitroso-di-n-propylamine	0.524	0.0417	"	0.833		62.9	24-119				
N-Nitrosodiphenylamine	0.511	0.0417	"	0.833		61.3	22-152				
Pentachlorophenol	0.257	0.0417	"	0.833		30.8	10-139				
Phenanthrene	0.482	0.0417	"	0.833		57.8	33-123				
Phenol	0.540	0.0417	"	0.833		64.8	23-115				
Pyrene	0.485	0.0417	"	0.833		58.2	32-130				
Pyridine	0.316	0.167	"	0.833		37.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.16*		"	*1.67*		*69.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.02*		"	*1.67*		*61.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.554*		"	*0.833*		*66.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.468*		"	*0.833*		*56.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.824*		"	*1.67*		*49.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.525*		"	*0.833*		*63.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE91201 - EPA 3550C

Matrix Spike (BE91201-MS1) *Source sample: 19E0591-07 (SB003 (6-8)) Prepared: 05/20/2019 Analyzed: 05/22/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.550	0.0934	mg/kg dry	0.933	ND	59.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.750	0.187	"	0.933	ND	80.4	10-133				
1,2,4-Trichlorobenzene	0.474	0.0934	"	0.933	ND	50.8	10-127				
1,2-Dichlorobenzene	0.589	0.0934	"	0.933	ND	63.1	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.518	0.0934	"	0.933	ND	55.5	10-144				
1,3-Dichlorobenzene	0.575	0.0934	"	0.933	ND	61.6	11-111				
1,4-Dichlorobenzene	0.563	0.0934	"	0.933	ND	60.3	10-106				
2,3,4,6-Tetrachlorophenol	0.554	0.187	"	0.933	ND	59.4	30-130				
2,4,5-Trichlorophenol	0.556	0.0934	"	0.933	ND	59.6	10-127				
2,4,6-Trichlorophenol	0.640	0.0934	"	0.933	ND	68.6	10-132				
2,4-Dichlorophenol	0.637	0.0934	"	0.933	ND	68.2	10-128				
2,4-Dimethylphenol	0.703	0.0934	"	0.933	ND	75.3	10-137				
2,4-Dinitrophenol	0.348	0.187	"	0.933	ND	37.3	10-171				
2,4-Dinitrotoluene	0.588	0.0934	"	0.933	ND	63.0	16-135				
2,6-Dinitrotoluene	0.603	0.0934	"	0.933	ND	64.6	18-131				
2-Chloronaphthalene	0.532	0.0934	"	0.933	ND	57.0	10-129				
2-Chlorophenol	0.799	0.0934	"	0.933	ND	85.6	15-116				
2-Methylnaphthalene	0.676	0.0934	"	0.933	ND	72.4	10-147				
2-Methylphenol	0.739	0.0934	"	0.933	ND	79.2	10-136				
2-Nitroaniline	0.776	0.187	"	0.933	ND	83.2	10-137				
2-Nitrophenol	0.744	0.0934	"	0.933	ND	79.8	10-129				
3- & 4-Methylphenols	0.666	0.0934	"	0.933	ND	71.4	10-123				
3,3-Dichlorobenzidine	0.554	0.0934	"	0.933	ND	59.4	10-155				
3-Nitroaniline	0.650	0.187	"	0.933	ND	69.6	12-133				
4,6-Dinitro-2-methylphenol	0.535	0.187	"	0.933	ND	57.4	10-155				
4-Bromophenyl phenyl ether	0.548	0.0934	"	0.933	ND	58.7	14-128				
4-Chloro-3-methylphenol	0.729	0.0934	"	0.933	ND	78.1	10-134				
4-Chloroaniline	0.533	0.0934	"	0.933	ND	57.1	10-145				
4-Chlorophenyl phenyl ether	0.597	0.0934	"	0.933	ND	64.0	14-130				
4-Nitroaniline	0.707	0.187	"	0.933	ND	75.8	10-147				
4-Nitrophenol	0.676	0.187	"	0.933	ND	72.5	10-137				
Acenaphthene	0.611	0.0934	"	0.933	0.0761	57.3	10-146				
Acenaphthylene	0.608	0.0934	"	0.933	ND	65.2	10-134				
Acetophenone	0.682	0.0934	"	0.933	ND	73.1	10-116				
Aniline	0.721	0.374	"	0.933	ND	77.3	10-123				
Anthracene	0.769	0.0934	"	0.933	0.191	61.9	10-142				
Atrazine	0.548	0.0934	"	0.933	ND	58.7	19-115				
Benzaldehyde	0.898	0.0934	"	0.933	ND	96.2	10-125				
Benzo(a)anthracene	0.945	0.0934	"	0.933	0.370	61.7	10-158				
Benzo(a)pyrene	0.980	0.0934	"	0.933	0.352	67.3	10-180				
Benzo(b)fluoranthene	0.891	0.0934	"	0.933	0.240	69.8	10-200				
Benzo(g,h,i)perylene	0.757	0.0934	"	0.933	0.157	64.3	10-138				
Benzo(k)fluoranthene	0.779	0.0934	"	0.933	0.230	58.8	10-197				
Benzoic acid	0.128	0.0934	"	1.06	ND	12.1	10-166				
Benzyl alcohol	0.897	0.0934	"	0.933	ND	96.1	12-124				
Benzyl butyl phthalate	0.849	0.0934	"	0.933	ND	91.0	10-154				
Bis(2-chloroethoxy)methane	0.680	0.0934	"	0.933	ND	72.9	10-132				
Bis(2-chloroethyl)ether	0.795	0.0934	"	0.933	ND	85.2	10-119				
Bis(2-chloroisopropyl)ether	0.862	0.0934	"	0.933	ND	92.3	10-139				
Bis(2-ethylhexyl)phthalate	0.782	0.0934	"	0.933	ND	83.8	10-167				
Caprolactam	0.618	0.187	"	0.933	ND	66.2	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91201 - EPA 3550C											
Matrix Spike (BE91201-MS1)	*Source sample: 19E0591-07 (SB003 (6-8))							Prepared: 05/20/2019 Analyzed: 05/22/2019			
Carbazole	0.676	0.0934	mg/kg dry	0.933	0.0480	67.3	10-167				
Chrysene	0.862	0.0934	"	0.933	0.313	58.7	10-156				
Dibenzo(a,h)anthracene	0.661	0.0934	"	0.933	ND	70.9	10-137				
Dibenzofuran	0.690	0.0934	"	0.933	ND	73.9	10-147				
Diethyl phthalate	0.658	0.0934	"	0.933	ND	70.6	20-120				
Dimethyl phthalate	0.692	0.0934	"	0.933	ND	74.2	18-131				
Di-n-butyl phthalate	0.753	0.0934	"	0.933	ND	80.6	10-137				
Di-n-octyl phthalate	0.947	0.0934	"	0.933	ND	102	10-180				
Fluoranthene	1.32	0.0934	"	0.933	0.838	51.7	10-160				
Fluorene	0.586	0.0934	"	0.933	0.0710	55.2	10-157				
Hexachlorobenzene	0.458	0.0934	"	0.933	ND	49.1	10-137				
Hexachlorobutadiene	0.458	0.0934	"	0.933	ND	49.0	10-132				
Hexachlorocyclopentadiene	0.149	0.0934	"	0.933	ND	16.0	10-106				
Hexachloroethane	0.570	0.0934	"	0.933	ND	61.1	10-110				
Indeno(1,2,3-cd)pyrene	0.834	0.0934	"	0.933	0.204	67.5	10-144				
Isophorone	0.660	0.0934	"	0.933	ND	70.7	10-132				
Naphthalene	0.628	0.0934	"	0.933	ND	67.3	10-141				
Nitrobenzene	0.641	0.0934	"	0.933	ND	68.7	10-131				
N-Nitrosodimethylamine	0.991	0.0934	"	0.933	ND	106	10-126				
N-nitroso-di-n-propylamine	0.767	0.0934	"	0.933	ND	82.2	10-125				
N-Nitrosodiphenylamine	0.691	0.0934	"	0.933	ND	74.0	10-177				
Pentachlorophenol	0.334	0.0934	"	0.933	ND	35.8	10-153				
Phenanthrene	1.15	0.0934	"	0.933	0.733	44.5	10-148				
Phenol	0.864	0.0934	"	0.933	ND	92.6	10-126				
Pyrene	1.19	0.0934	"	0.933	0.725	49.7	10-165				
Pyridine	0.492	0.374	"	0.933	ND	52.7	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.74*		"	*1.87*		*93.1*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.57*		"	*1.87*		*83.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.773*		"	*0.933*		*82.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.642*		"	*0.933*		*68.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.20*		"	*1.87*		*64.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.693*		"	*0.933*		*74.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE91201 - EPA 3550C

Matrix Spike Dup (BE91201-MSD1) *Source sample: 19E0591-07 (SB003 (6-8)) Prepared: 05/20/2019 Analyzed: 05/22/2019

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.504	0.0934	mg/kg dry	0.933	ND	54.0	10-130		8.78	30	
1,2,4,5-Tetrachlorobenzene	0.617	0.187	"	0.933	ND	66.2	10-133		19.4	30	
1,2,4-Trichlorobenzene	0.403	0.0934	"	0.933	ND	43.2	10-127		16.2	30	
1,2-Dichlorobenzene	0.508	0.0934	"	0.933	ND	54.5	14-111		14.7	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.505	0.0934	"	0.933	ND	54.1	10-144		2.63	30	
1,3-Dichlorobenzene	0.505	0.0934	"	0.933	ND	54.1	11-111		13.0	30	
1,4-Dichlorobenzene	0.508	0.0934	"	0.933	ND	54.5	10-106		10.2	30	
2,3,4,6-Tetrachlorophenol	0.490	0.187	"	0.933	ND	52.6	30-130		12.2	30	
2,4,5-Trichlorophenol	0.467	0.0934	"	0.933	ND	50.1	10-127		17.4	30	
2,4,6-Trichlorophenol	0.544	0.0934	"	0.933	ND	58.2	10-132		16.3	30	
2,4-Dichlorophenol	0.563	0.0934	"	0.933	ND	60.3	10-128		12.3	30	
2,4-Dimethylphenol	0.611	0.0934	"	0.933	ND	65.5	10-137		13.9	30	
2,4-Dinitrophenol	0.272	0.187	"	0.933	ND	29.2	10-171		24.3	30	
2,4-Dinitrotoluene	0.502	0.0934	"	0.933	ND	53.8	16-135		15.6	30	
2,6-Dinitrotoluene	0.527	0.0934	"	0.933	ND	56.5	18-131		13.5	30	
2-Chloronaphthalene	0.473	0.0934	"	0.933	ND	50.6	10-129		11.7	30	
2-Chlorophenol	0.680	0.0934	"	0.933	ND	72.9	15-116		16.1	30	
2-Methylnaphthalene	0.597	0.0934	"	0.933	ND	63.9	10-147		12.4	30	
2-Methylphenol	0.637	0.0934	"	0.933	ND	68.2	10-136		14.9	30	
2-Nitroaniline	0.682	0.187	"	0.933	ND	73.0	10-137		13.0	30	
2-Nitrophenol	0.650	0.0934	"	0.933	ND	69.6	10-129		13.6	30	
3- & 4-Methylphenols	0.619	0.0934	"	0.933	ND	66.3	10-123		7.32	30	
3,3-Dichlorobenzidine	0.482	0.0934	"	0.933	ND	51.7	10-155		13.8	30	
3-Nitroaniline	0.603	0.187	"	0.933	ND	64.6	12-133		7.39	30	
4,6-Dinitro-2-methylphenol	0.452	0.187	"	0.933	ND	48.4	10-155		16.9	30	
4-Bromophenyl phenyl ether	0.470	0.0934	"	0.933	ND	50.4	14-128		15.2	30	
4-Chloro-3-methylphenol	0.651	0.0934	"	0.933	ND	69.8	10-134		11.3	30	
4-Chloroaniline	0.479	0.0934	"	0.933	ND	51.4	10-145		10.6	30	
4-Chlorophenyl phenyl ether	0.515	0.0934	"	0.933	ND	55.2	14-130		14.8	30	
4-Nitroaniline	0.664	0.187	"	0.933	ND	71.2	10-147		6.21	30	
4-Nitrophenol	0.713	0.187	"	0.933	ND	76.4	10-137		5.27	30	
Acenaphthene	0.558	0.0934	"	0.933	0.0761	51.6	10-146		9.07	30	
Acenaphthylene	0.574	0.0934	"	0.933	ND	61.5	10-134		5.81	30	
Acetophenone	0.611	0.0934	"	0.933	ND	65.4	10-116		11.1	30	
Aniline	0.646	0.374	"	0.933	ND	69.2	10-123		11.0	30	
Anthracene	0.823	0.0934	"	0.933	0.191	67.6	10-142		6.75	30	
Atrazine	0.482	0.0934	"	0.933	ND	51.7	19-115		12.8	30	
Benzaldehyde	0.856	0.0934	"	0.933	ND	91.8	10-125		4.77	30	
Benzo(a)anthracene	1.22	0.0934	"	0.933	0.370	90.8	10-158		25.1	30	
Benzo(a)pyrene	1.15	0.0934	"	0.933	0.352	85.5	10-180		16.0	30	
Benzo(b)fluoranthene	1.04	0.0934	"	0.933	0.240	85.2	10-200		15.0	30	
Benzo(g,h,i)perylene	0.814	0.0934	"	0.933	0.157	70.4	10-138		7.22	30	
Benzo(k)fluoranthene	0.944	0.0934	"	0.933	0.230	76.5	10-197		19.2	30	
Benzoic acid	0.110	0.0934	"	1.06	ND	10.3	10-166		15.7	30	
Benzyl alcohol	0.779	0.0934	"	0.933	ND	83.4	12-124		14.1	30	
Benzyl butyl phthalate	0.767	0.0934	"	0.933	ND	82.2	10-154		10.1	30	
Bis(2-chloroethoxy)methane	0.619	0.0934	"	0.933	ND	66.3	10-132		9.43	30	
Bis(2-chloroethyl)ether	0.674	0.0934	"	0.933	ND	72.2	10-119		16.5	30	
Bis(2-chloroisopropyl)ether	0.770	0.0934	"	0.933	ND	82.6	10-139		11.2	30	
Bis(2-ethylhexyl)phthalate	0.704	0.0934	"	0.933	ND	75.4	10-167		10.5	30	
Caprolactam	0.561	0.187	"	0.933	ND	60.2	10-132		9.62	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91201 - EPA 3550C											
Matrix Spike Dup (BE91201-MSD1)	*Source sample: 19E0591-07 (SB003 (6-8))								Prepared: 05/20/2019 Analyzed: 05/22/2019		
Carbazole	0.673	0.0934	mg/kg dry	0.933	0.0480	67.0	10-167		0.442	30	
Chrysene	1.10	0.0934	"	0.933	0.313	84.4	10-156		24.4	30	
Dibenzo(a,h)anthracene	0.647	0.0934	"	0.933	ND	69.3	10-137		2.28	30	
Dibenzofuran	0.655	0.0934	"	0.933	ND	70.2	10-147		5.11	30	
Diethyl phthalate	0.600	0.0934	"	0.933	ND	64.3	20-120		9.25	30	
Dimethyl phthalate	0.594	0.0934	"	0.933	ND	63.7	18-131		15.2	30	
Di-n-butyl phthalate	0.685	0.0934	"	0.933	ND	73.4	10-137		9.35	30	
Di-n-octyl phthalate	0.877	0.0934	"	0.933	ND	94.0	10-180		7.69	30	
Fluoranthene	1.94	0.0934	"	0.933	0.838	118	10-160		38.1	30	Non-dir.
Fluorene	0.594	0.0934	"	0.933	0.0710	56.1	10-157		1.39	30	
Hexachlorobenzene	0.440	0.0934	"	0.933	ND	47.1	10-137		4.16	30	
Hexachlorobutadiene	0.391	0.0934	"	0.933	ND	41.9	10-132		15.7	30	
Hexachlorocyclopentadiene	0.112	0.0934	"	0.933	ND	12.0	10-106		28.6	30	
Hexachloroethane	0.505	0.0934	"	0.933	ND	54.2	10-110		12.1	30	
Indeno(1,2,3-cd)pyrene	0.905	0.0934	"	0.933	0.204	75.1	10-144		8.16	30	
Isophorone	0.609	0.0934	"	0.933	ND	65.3	10-132		8.00	30	
Naphthalene	0.572	0.0934	"	0.933	ND	61.3	10-141		9.33	30	
Nitrobenzene	0.576	0.0934	"	0.933	ND	61.8	10-131		10.7	30	
N-Nitrosodimethylamine	0.926	0.0934	"	0.933	ND	99.2	10-126		6.85	30	
N-nitroso-di-n-propylamine	0.707	0.0934	"	0.933	ND	75.8	10-125		8.20	30	
N-Nitrosodiphenylamine	0.682	0.0934	"	0.933	ND	73.1	10-177		1.20	30	
Pentachlorophenol	0.338	0.0934	"	0.933	ND	36.2	10-153		1.11	30	
Phenanthrene	1.55	0.0934	"	0.933	0.733	87.1	10-148		29.5	30	
Phenol	0.760	0.0934	"	0.933	ND	81.4	10-126		12.8	30	
Pyrene	1.76	0.0934	"	0.933	0.725	111	10-165		38.7	30	Non-dir.
Pyridine	0.466	0.374	"	0.933	ND	49.9	10-83		5.46	30	
Surrogate: SURR: 2-Fluorophenol	*1.58*		"	*1.87*		*84.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.41*		"	*1.87*		*75.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.720*		"	*0.933*		*77.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.552*		"	*0.933*		*59.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.03*		"	*1.87*		*55.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.608*		"	*0.933*		*65.1*	*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
Batch BE91249 - EPA 3550C											
Blank (BE91249-BLK1)											
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	"								
Benzo(a)anthracene	ND	0.0416	"								
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	"								

Prepared: 05/21/2019 Analyzed: 05/22/2019

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 BE91249 - EPA 3550C											
Blank (BE91249-BLK1)											
Prepared: 05/21/2019 Analyzed: 05/22/2019											
Caprolactam	ND	0.0830	mg/kg wet								
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	*1.33*		"	*1.66*		*80.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.16*		"	*1.66*		*69.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.638*		"	*0.831*		*76.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.543*		"	*0.831*		*65.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.05*		"	*1.66*		*63.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.596*		"	*0.831*		*71.7*	*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 BE91249 - EPA 3550C											
LCS (BE91249-BS1)									Prepared: 05/21/2019 Analyzed: 05/22/2019		
1,1-Biphenyl	0.515	0.0416	mg/kg wet	0.831		62.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.676	0.0830	"	0.831		81.4	21-131				
1,2,4-Trichlorobenzene	0.428	0.0416	"	0.831		51.6	10-140				
1,2-Dichlorobenzene	0.504	0.0416	"	0.831		60.7	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.516	0.0416	"	0.831		62.2	17-137				
1,3-Dichlorobenzene	0.495	0.0416	"	0.831		59.6	33-110				
1,4-Dichlorobenzene	0.514	0.0416	"	0.831		61.9	32-104				
2,3,4,6-Tetrachlorophenol	0.514	0.0830	"	0.831		61.9	30-130				
2,4,5-Trichlorophenol	0.484	0.0416	"	0.831		58.3	27-118				
2,4,6-Trichlorophenol	0.556	0.0416	"	0.831		67.0	31-120				
2,4-Dichlorophenol	0.559	0.0416	"	0.831		67.3	20-127				
2,4-Dimethylphenol	0.576	0.0416	"	0.831		69.3	14-132				
2,4-Dinitrophenol	0.540	0.0830	"	0.831		65.0	10-171				
2,4-Dinitrotoluene	0.510	0.0416	"	0.831		61.4	34-131				
2,6-Dinitrotoluene	0.543	0.0416	"	0.831		65.3	31-128				
2-Chloronaphthalene	0.492	0.0416	"	0.831		59.3	31-117				
2-Chlorophenol	0.655	0.0416	"	0.831		78.8	33-113				
2-Methylnaphthalene	0.582	0.0416	"	0.831		70.1	12-138				
2-Methylphenol	0.584	0.0416	"	0.831		70.4	10-136				
2-Nitroaniline	0.665	0.0830	"	0.831		80.0	27-132				
2-Nitrophenol	0.622	0.0416	"	0.831		74.9	17-129				
3- & 4-Methylphenols	0.539	0.0416	"	0.831		64.8	29-103				
3,3-Dichlorobenzidine	0.521	0.0416	"	0.831		62.7	22-149				
3-Nitroaniline	0.500	0.0830	"	0.831		60.2	20-133				
4,6-Dinitro-2-methylphenol	0.526	0.0830	"	0.831		63.4	10-143				
4-Bromophenyl phenyl ether	0.457	0.0416	"	0.831		55.0	29-120				
4-Chloro-3-methylphenol	0.615	0.0416	"	0.831		74.0	24-129				
4-Chloroaniline	0.407	0.0416	"	0.831		49.0	10-132				
4-Chlorophenyl phenyl ether	0.530	0.0416	"	0.831		63.8	27-124				
4-Nitroaniline	0.628	0.0830	"	0.831		75.6	16-128				
4-Nitrophenol	0.694	0.0830	"	0.831		83.6	10-141				
Acenaphthene	0.501	0.0416	"	0.831		60.4	30-121				
Acenaphthylene	0.526	0.0416	"	0.831		63.3	30-115				
Acetophenone	0.572	0.0416	"	0.831		68.9	20-112				
Aniline	0.642	0.166	"	0.831		77.2	10-119				
Anthracene	0.596	0.0416	"	0.831		71.8	34-118				
Atrazine	0.480	0.0416	"	0.831		57.8	26-112				
Benzaldehyde	0.760	0.0416	"	0.831		91.5	21-100				
Benzo(a)anthracene	0.582	0.0416	"	0.831		70.0	32-122				
Benzo(a)pyrene	0.595	0.0416	"	0.831		71.6	29-133				
Benzo(b)fluoranthene	0.583	0.0416	"	0.831		70.2	25-133				
Benzo(g,h,i)perylene	0.553	0.0416	"	0.831		66.6	10-143				
Benzo(k)fluoranthene	0.521	0.0416	"	0.831		62.7	25-128				
Benzoic acid	0.500	0.0416	"	0.947		52.8	10-140				
Benzyl alcohol	0.730	0.0416	"	0.831		87.9	30-115				
Benzyl butyl phthalate	0.764	0.0416	"	0.831		92.0	26-126				
Bis(2-chloroethoxy)methane	0.584	0.0416	"	0.831		70.4	19-132				
Bis(2-chloroethyl)ether	0.656	0.0416	"	0.831		79.0	19-125				
Bis(2-chloroisopropyl)ether	0.732	0.0416	"	0.831		88.1	20-135				
Bis(2-ethylhexyl)phthalate	0.728	0.0416	"	0.831		87.6	10-155				
Caprolactam	0.497	0.0830	"	0.831		59.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91249 - EPA 3550C											
LCS (BE91249-BS1)									Prepared: 05/21/2019 Analyzed: 05/22/2019		
Carbazole	0.577	0.0416	mg/kg wet	0.831		69.5	35-123				
Chrysene	0.554	0.0416	"	0.831		66.7	32-123				
Dibenzo(a,h)anthracene	0.559	0.0416	"	0.831		67.3	10-136				
Dibenzofuran	0.593	0.0416	"	0.831		71.4	29-121				
Diethyl phthalate	0.603	0.0416	"	0.831		72.6	34-116				
Dimethyl phthalate	0.599	0.0416	"	0.831		72.2	35-124				
Di-n-butyl phthalate	0.667	0.0416	"	0.831		80.3	31-116				
Di-n-octyl phthalate	0.870	0.0416	"	0.831		105	26-136				
Fluoranthene	0.569	0.0416	"	0.831		68.5	33-122				
Fluorene	0.493	0.0416	"	0.831		59.4	29-123				
Hexachlorobenzene	0.459	0.0416	"	0.831		55.3	21-124				
Hexachlorobutadiene	0.423	0.0416	"	0.831		50.9	10-149				
Hexachlorocyclopentadiene	0.260	0.0416	"	0.831		31.3	10-129				
Hexachloroethane	0.514	0.0416	"	0.831		61.9	28-108				
Indeno(1,2,3-cd)pyrene	0.623	0.0416	"	0.831		75.0	10-135				
Isophorone	0.550	0.0416	"	0.831		66.2	20-132				
Naphthalene	0.534	0.0416	"	0.831		64.3	23-124				
Nitrobenzene	0.550	0.0416	"	0.831		66.3	13-132				
N-Nitrosodimethylamine	0.834	0.0416	"	0.831		100	11-129				
N-nitroso-di-n-propylamine	0.630	0.0416	"	0.831		75.9	24-119				
N-Nitrosodiphenylamine	0.603	0.0416	"	0.831		72.6	22-152				
Pentachlorophenol	0.291	0.0416	"	0.831		35.0	10-139				
Phenanthrene	0.580	0.0416	"	0.831		69.8	33-123				
Phenol	0.692	0.0416	"	0.831		83.3	23-115				
Pyrene	0.601	0.0416	"	0.831		72.3	32-130				
Pyridine	0.424	0.166	"	0.831		51.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.48*		"	*1.66*		*89.0*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.27*		"	*1.66*		*76.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.677*		"	*0.831*		*81.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.578*		"	*0.831*		*69.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.981*		"	*1.66*		*59.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.643*		"	*0.831*		*77.4*	*24-116*				

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 BE90993 - EPA SW846-3510C Low Level											
Blank (BE90993-BLK1)									Prepared: 05/16/2019 Analyzed: 05/17/2019		
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	*0.212*		*"*	*0.200*		*106*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.200*		*"*	*0.200*		*100*	*30-150*				
LCS (BE90993-BS1)									Prepared: 05/16/2019 Analyzed: 05/17/2019		
4,4'-DDD	0.101	0.00400	ug/L	0.100		101	40-140			20	
4,4'-DDE	0.0919	0.00400	"	0.100		91.9	40-140			20	
4,4'-DDT	0.0712	0.00400	"	0.100		71.2	40-140			20	
Aldrin	0.0970	0.00400	"	0.100		97.0	40-140			20	
alpha-BHC	0.106	0.00400	"	0.100		106	40-140			20	
alpha-Chlordane	0.0872	0.00400	"	0.100		87.2	40-140			20	
beta-BHC	0.0922	0.00400	"	0.100		92.2	40-140			20	
delta-BHC	0.101	0.00400	"	0.100		101	40-140			20	
Dieldrin	0.0886	0.00200	"	0.100		88.6	40-140			20	
Endosulfan I	0.0927	0.00400	"	0.100		92.7	40-140			20	
Endosulfan II	0.0928	0.00400	"	0.100		92.8	40-140			20	
Endosulfan sulfate	0.0955	0.00400	"	0.100		95.5	40-140			20	
Endrin	0.0787	0.00400	"	0.100		78.7	40-140			20	
Endrin aldehyde	0.0868	0.0100	"	0.100		86.8	40-140			20	
Endrin ketone	0.0971	0.0100	"	0.100		97.1	40-140			20	
gamma-BHC (Lindane)	0.101	0.00400	"	0.100		101	40-140			20	
gamma-Chlordane	0.0906	0.0100	"	0.100		90.6	40-140			20	
Heptachlor	0.0959	0.00400	"	0.100		95.9	40-140			20	
Heptachlor epoxide	0.0891	0.00400	"	0.100		89.1	40-140			20	
Methoxychlor	0.0649	0.00400	"	0.100		64.9	40-140			20	
Surrogate: Decachlorobiphenyl	*0.214*		*"*	*0.200*		*107*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.209*		*"*	*0.200*		*105*	*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 BE90993 - EPA SW846-3510C Low Level											
Matrix Spike (BE90993-MS1)	*Source sample: 19E0591-32 (MW002)								Prepared: 05/16/2019 Analyzed: 05/22/2019		
4,4'-DDD	0.112	0.00444	ug/L	0.111	ND	101	30-150			20	
4,4'-DDE	0.0935	0.00444	"	0.111	ND	84.1	30-150			20	
4,4'-DDT	0.114	0.00444	"	0.111	ND	103	30-150			20	
Aldrin	0.0906	0.00444	"	0.111	ND	81.6	30-150			20	
alpha-BHC	0.107	0.00444	"	0.111	ND	96.1	30-150			20	
alpha-Chlordane	0.0857	0.00444	"	0.111	ND	77.2	30-150			20	
beta-BHC	0.0977	0.00444	"	0.111	ND	88.0	30-150			20	
delta-BHC	0.112	0.00444	"	0.111	ND	101	30-150			20	
Dieldrin	0.0950	0.00222	"	0.111	ND	85.5	30-150			20	
Endosulfan I	0.0987	0.00444	"	0.111	ND	88.8	30-150			20	
Endosulfan II	0.104	0.00444	"	0.111	ND	93.3	30-150			20	
Endosulfan sulfate	0.114	0.00444	"	0.111	ND	103	30-150			20	
Endrin	0.102	0.00444	"	0.111	ND	92.1	30-150			20	
Endrin aldehyde	0.0991	0.0111	"	0.111	ND	89.2	30-150			20	
Endrin ketone	0.116	0.0111	"	0.111	ND	104	30-150			20	
gamma-BHC (Lindane)	0.102	0.00444	"	0.111	ND	91.8	30-150			20	
gamma-Chlordane	0.0898	0.0111	"	0.111	ND	80.8	30-150			20	
Heptachlor	0.0776	0.00444	"	0.111	ND	69.9	30-150			20	
Heptachlor epoxide	0.0970	0.00444	"	0.111	ND	87.3	30-150			20	
Methoxychlor	0.115	0.00444	"	0.111	ND	103	30-150			20	
Surrogate: Decachlorobiphenyl	*0.249*		*"*	*0.222*		*112*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.197*		*"*	*0.222*		*88.8*	*30-150*				
Matrix Spike Dup (BE90993-MSD1)	*Source sample: 19E0591-32 (MW002)								Prepared: 05/16/2019 Analyzed: 05/22/2019		
4,4'-DDD	0.120	0.00432	ug/L	0.108	ND	111	30-150		6.93	20	
4,4'-DDE	0.0977	0.00432	"	0.108	ND	90.4	30-150		4.41	20	
4,4'-DDT	0.125	0.00432	"	0.108	ND	116	30-150		9.17	20	
Aldrin	0.0940	0.00432	"	0.108	ND	87.0	30-150		3.68	20	
alpha-BHC	0.109	0.00432	"	0.108	ND	101	30-150		2.08	20	
alpha-Chlordane	0.0882	0.00432	"	0.108	ND	81.6	30-150		2.86	20	
beta-BHC	0.101	0.00432	"	0.108	ND	93.1	30-150		2.91	20	
delta-BHC	0.116	0.00432	"	0.108	ND	108	30-150		3.74	20	
Dieldrin	0.0987	0.00216	"	0.108	ND	91.3	30-150		3.78	20	
Endosulfan I	0.104	0.00432	"	0.108	ND	96.0	30-150		4.97	20	
Endosulfan II	0.110	0.00432	"	0.108	ND	101	30-150		5.61	20	
Endosulfan sulfate	0.129	0.00432	"	0.108	ND	119	30-150		11.8	20	
Endrin	0.109	0.00432	"	0.108	ND	101	30-150		6.10	20	
Endrin aldehyde	0.104	0.0108	"	0.108	ND	96.3	30-150		4.90	20	
Endrin ketone	0.128	0.0108	"	0.108	ND	118	30-150		9.78	20	
gamma-BHC (Lindane)	0.105	0.00432	"	0.108	ND	97.1	30-150		2.87	20	
gamma-Chlordane	0.0921	0.0108	"	0.108	ND	85.2	30-150		2.55	20	
Heptachlor	0.0876	0.00432	"	0.108	ND	81.0	30-150		12.0	20	
Heptachlor epoxide	0.0997	0.00432	"	0.108	ND	92.2	30-150		2.67	20	
Methoxychlor	0.129	0.00432	"	0.108	ND	120	30-150		11.9	20	
Surrogate: Decachlorobiphenyl	*0.263*		*"*	*0.216*		*122*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.206*		*"*	*0.216*		*95.2*	*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 BE91200 - EPA 3550C											
Blank (BE91200-BLK1)											Prepared: 05/20/2019 Analyzed: 05/22/2019
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
alpha-Chlordane	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
gamma-Chlordane	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.000330	"								
Toxaphene	ND	0.0330	"								
Chlordane, total	ND	0.00660	"								
Surrogate: Decachlorobiphenyl	*0.105*		*"*	*0.0667*		*158*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0766*		*"*	*0.0667*		*115*	*30-150*				
LCS (BE91200-BS1)											Prepared: 05/20/2019 Analyzed: 05/22/2019
4,4'-DDD	0.0379	0.000330	mg/kg wet	0.0333		114	40-140				
4,4'-DDE	0.0368	0.000330	"	0.0333		110	40-140				
4,4'-DDT	0.0301	0.000330	"	0.0333		90.3	40-140				
Aldrin	0.0375	0.000330	"	0.0333		113	40-140				
alpha-BHC	0.0392	0.000330	"	0.0333		117	40-140				
alpha-Chlordane	0.0329	0.000330	"	0.0333		98.8	40-140				
beta-BHC	0.0353	0.000330	"	0.0333		106	40-140				
delta-BHC	0.0388	0.000330	"	0.0333		116	40-140				
Dieldrin	0.0350	0.000330	"	0.0333		105	40-140				
Endosulfan I	0.0374	0.000330	"	0.0333		112	40-140				
Endosulfan II	0.0382	0.000330	"	0.0333		115	40-140				
Endosulfan sulfate	0.0421	0.000330	"	0.0333		126	40-140				
Endrin	0.0295	0.000330	"	0.0333		88.6	40-140				
Endrin aldehyde	0.0372	0.000330	"	0.0333		112	40-140				
Endrin ketone	0.0389	0.000330	"	0.0333		117	40-140				
gamma-BHC (Lindane)	0.0378	0.000330	"	0.0333		113	40-140				
gamma-Chlordane	0.0348	0.000330	"	0.0333		104	40-140				
Heptachlor	0.0243	0.000330	"	0.0333		73.0	40-140				
Heptachlor epoxide	0.0352	0.000330	"	0.0333		106	40-140				
Methoxychlor	0.0264	0.000330	"	0.0333		79.2	40-140				
Surrogate: Decachlorobiphenyl	*0.102*		*"*	*0.0667*		*153*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0802*		*"*	*0.0667*		*120*	*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 Y9E2237 - BE90092											
Performance Mix (Y9E2237-PEM1)								Prepared & Analyzed: 05/21/2019			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.735		"	0.00			0-200				
4,4'-DDT	166		"	20000		0.831	0-200				
Endrin	90.8		"	10000		0.908	0-200				
Endrin aldehyde	1.42		"	0.00			0-200				
Endrin ketone	9.50		"	0.00			0-200				
Performance Mix (Y9E2237-PEM2)								Prepared & Analyzed: 05/21/2019			
4,4'-DDD	0.00		ng/mL	0.00			0-200				
4,4'-DDE	0.615		"	0.00			0-200				
4,4'-DDT	185		"	200		92.7	0-200				
Endrin	114		"	100		114	0-200				
Endrin aldehyde	1.46		"	0.00			0-200				
Endrin ketone	10.4		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE90993 - EPA SW846-3510C Low Level											
Matrix Spike (BE90993-MS2)	*Source sample: 19E0591-32 (MW002)								Prepared: 05/16/2019 Analyzed: 05/17/2019		
Aroclor 1016	0.757	0.0556	ug/L	1.11	ND	68.1	40-140			20	
Aroclor 1260	0.942	0.0556	"	1.11	ND	84.8	40-140			20	
Surrogate: Tetrachloro-m-xylene	*0.164*		"	*0.222*		*74.0*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.224*		"	*0.222*		*101*	*30-150*				
Matrix Spike Dup (BE90993-MSD2)	*Source sample: 19E0591-32 (MW002)								Prepared: 05/16/2019 Analyzed: 05/17/2019		
Aroclor 1016	0.729	0.0541	ug/L	1.08	ND	67.4	40-140		3.77	20	
Aroclor 1260	0.923	0.0541	"	1.08	ND	85.4	40-140		2.03	20	
Surrogate: Tetrachloro-m-xylene	*0.161*		"	*0.216*		*74.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*0.216*		"	*0.216*		*100*	*30-150*				
Batch BE91139 - EPA 3550C											
Matrix Spike (BE91139-MS2)	*Source sample: 19E0591-04 (SB002 (4-6))								Prepared: 05/20/2019 Analyzed: 05/23/2019		
Aroclor 1016	0.443	0.0214	mg/kg dry	0.429	ND	103	40-140				
Aroclor 1260	0.388	0.0214	"	0.429	ND	90.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0858*		"	*0.0858*		*100*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0841*		"	*0.0858*		*98.0*	*30-120*				
Matrix Spike Dup (BE91139-MSD2)	*Source sample: 19E0591-04 (SB002 (4-6))								Prepared: 05/20/2019 Analyzed: 05/23/2019		
Aroclor 1016	0.458	0.0214	mg/kg dry	0.429	ND	107	40-140		3.37	50	
Aroclor 1260	0.409	0.0214	"	0.429	ND	95.3	40-140		5.19	50	
Surrogate: Tetrachloro-m-xylene	*0.0905*		"	*0.0858*		*106*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0853*		"	*0.0858*		*99.5*	*30-120*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE90912 - EPA 3015A											
Blank (BE90912-BLK1)											Prepared: 05/15/2019 Analyzed: 05/16/2019
Aluminum	ND	55.6	ug/L								
Barium	ND	27.8	"								
Calcium	ND	55.6	"								
Chromium	ND	5.56	"								
Cobalt	ND	4.44	"								
Copper	ND	22.2	"								
Iron	ND	278	"								
Lead	ND	5.56	"								
Magnesium	ND	55.6	"								
Manganese	ND	5.56	"								
Nickel	ND	11.1	"								
Potassium	ND	55.6	"								
Silver	ND	5.56	"								
Sodium	ND	556	"								
Vanadium	ND	11.1	"								
Zinc	ND	27.8	"								
LCS (BE90912-BS1)											Prepared: 05/15/2019 Analyzed: 05/16/2019
Aluminum	2.05		ug/mL	2.00		102	80-120				
Barium	2.03		"	2.00		102	80-120				
Calcium	0.963		"	1.00		96.3	80-120				
Chromium	0.196		"	0.200		98.0	80-120				
Cobalt	0.519		"	0.500		104	80-120				
Copper	0.254		"	0.250		102	80-120				
Iron	0.993		"	1.00		99.3	80-120				
Lead	0.497		"	0.500		99.5	80-120				
Magnesium	0.974		"	1.00		97.4	80-120				
Manganese	0.513		"	0.500		103	80-120				
Nickel	0.506		"	0.500		101	80-120				
Potassium	0.995		"	1.00		99.5	80-120				
Silver	0.0497		"	0.0500		99.4	80-120				
Sodium	1.09		"	1.00		109	80-120				
Vanadium	0.496		"	0.500		99.2	80-120				
Zinc	0.488		"	0.500		97.6	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE90912 - EPA 3015A											
Duplicate (BE90912-DUP1)	*Source sample: 19E0591-32 (MW002)								Prepared: 05/15/2019 Analyzed: 05/16/2019		
Aluminum	467	55.6	ug/L		899				63.2	20	Non-dir.
Barium	83.6	27.8	"		83.2				0.404	20	
Calcium	173000	55.6	"		172000				0.441	20	
Chromium	ND	5.56	"		ND					20	
Cobalt	ND	4.44	"		ND					20	
Copper	ND	22.2	"		ND					20	
Iron	3900	278	"		3940				1.07	20	
Lead	16.0	5.56	"		16.6				3.49	20	
Magnesium	267000	55.6	"		265000				0.865	20	
Manganese	413	5.56	"		409				0.981	20	
Nickel	ND	11.1	"		ND					20	
Potassium	97200	55.6	"		95600				1.65	20	
Silver	ND	5.56	"		ND					20	
Sodium	2710000	556	"		2690000				0.886	20	
Vanadium	ND	11.1	"		ND					20	
Zinc	46.6	27.8	"		59.0				23.5	20	Non-dir.
Matrix Spike (BE90912-MS1)	*Source sample: 19E0591-32 (MW002)								Prepared: 05/15/2019 Analyzed: 05/16/2019		
Aluminum	2570	55.6	ug/L	2220	899	75.3	75-125				
Barium	2200	27.8	"	2220	83.2	95.2	75-125				
Calcium	169000	55.6	"	1110	172000	NR	75-125	Low Bias			
Chromium	208	5.56	"	222	ND	93.6	75-125				
Cobalt	536	4.44	"	556	ND	96.4	75-125				
Copper	313	22.2	"	278	ND	113	75-125				
Iron	4910	278	"	1110	3940	86.8	75-125				
Lead	523	5.56	"	556	16.6	91.1	75-125				
Magnesium	261000	55.6	"	1110	265000	NR	75-125	Low Bias			
Manganese	919	5.56	"	556	409	91.8	75-125				
Nickel	565	11.1	"	556	ND	102	75-125				
Potassium	95400	55.6	"	1110	95600	NR	75-125	Low Bias			
Silver	57.2	5.56	"	55.6	ND	103	75-125				
Sodium	2630000	556	"	1110	2690000	NR	75-125	Low Bias			
Vanadium	541	11.1	"	556	ND	97.4	75-125				
Zinc	582	27.8	"	556	59.0	94.2	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91114 - EPA 3015A											
Blank (BE91114-BLK1)											Prepared: 05/17/2019 Analyzed: 05/20/2019
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BE91114-BS1)											Prepared: 05/17/2019 Analyzed: 05/20/2019
Aluminum - Dissolved	1.87		ug/mL	2.00		93.7	80-120				
Barium - Dissolved	1.84		"	2.00		92.0	80-120				
Calcium - Dissolved	0.852		"	1.00		85.2	80-120				
Chromium - Dissolved	0.175		"	0.200		87.4	80-120				
Cobalt - Dissolved	0.463		"	0.500		92.6	80-120				
Copper - Dissolved	0.233		"	0.250		93.1	80-120				
Iron - Dissolved	0.924		"	1.00		92.4	80-120				
Lead - Dissolved	0.447		"	0.500		89.3	80-120				
Magnesium - Dissolved	0.899		"	1.00		89.9	80-120				
Manganese - Dissolved	0.459		"	0.500		91.9	80-120				
Nickel - Dissolved	0.453		"	0.500		90.7	80-120				
Potassium - Dissolved	0.902		"	1.00		90.2	80-120				
Silver - Dissolved	0.0461		"	0.0500		92.3	80-120				
Sodium - Dissolved	0.940		"	1.00		94.0	80-120				
Vanadium - Dissolved	0.450		"	0.500		90.0	80-120				
Zinc - Dissolved	0.427		"	0.500		85.3	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91114 - EPA 3015A											
Duplicate (BE91114-DUP1)	*Source sample: 19E0591-32 (MW002)								Prepared: 05/17/2019 Analyzed: 05/20/2019		
Aluminum - Dissolved	ND	0.0556	mg/L		0.0755					20	
Barium - Dissolved	0.0685	0.0278	"		0.0685				0.106	20	
Calcium - Dissolved	163	0.0556	"		162				0.683	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	249	0.0556	"		248				0.177	20	
Manganese - Dissolved	0.395	0.00556	"		0.393				0.472	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	87.9	0.0556	"		88.4				0.582	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	2590	0.556	"		2480				4.54	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		0.0302					20	
Matrix Spike (BE91114-MS1)	*Source sample: 19E0591-32 (MW002)								Prepared: 05/17/2019 Analyzed: 05/20/2019		
Barium - Dissolved	2.06	0.0278	mg/L	2.22	0.0685	89.6	75-125				
Chromium - Dissolved	0.204	0.00556	"	0.222	ND	91.9	75-125				
Cobalt - Dissolved	0.500	0.00444	"	0.556	ND	89.9	75-125				
Copper - Dissolved	0.295	0.0222	"	0.278	ND	106	75-125				
Iron - Dissolved	1.06	0.278	"	1.11	ND	95.0	75-125				
Lead - Dissolved	0.469	0.00556	"	0.556	ND	84.5	75-125				
Manganese - Dissolved	0.888	0.00556	"	0.556	0.393	89.2	75-125				
Nickel - Dissolved	0.530	0.0111	"	0.556	ND	95.4	75-125				
Silver - Dissolved	0.0571	0.00556	"	0.0556	ND	103	75-125				
Vanadium - Dissolved	0.509	0.0111	"	0.556	ND	91.5	75-125				
Zinc - Dissolved	0.505	0.0278	"	0.556	0.0302	85.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91204 - EPA 3050B											
Blank (BE91204-BLK1)									Prepared & Analyzed: 05/20/2019		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	0.062	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BE91204-DUP1)	*Source sample: 19E0591-04 (SB002 (4-6))								Prepared & Analyzed: 05/20/2019		
Aluminum	6850	6.45	mg/kg dry		5850				15.7	35	
Antimony	ND	3.23	"		ND					35	
Arsenic	6.48	1.94	"		7.26				11.4	35	
Barium	145	3.23	"		245				51.4	35	Non-dir.
Beryllium	ND	0.065	"		0.113					35	
Cadmium	1.05	0.387	"		1.18				11.3	35	
Calcium	14800	6.45	"		19900				29.3	35	
Chromium	18.2	0.645	"		17.0				6.46	35	
Cobalt	8.93	0.516	"		8.27				7.67	35	
Copper	200	2.58	"		151				27.4	35	
Iron	15500	32.3	"		16400				5.71	35	
Lead	303	0.645	"		459				40.9	35	Non-dir.
Magnesium	7710	6.45	"		7800				1.10	35	
Manganese	290	0.645	"		266				8.55	35	
Nickel	20.0	1.29	"		18.9				5.39	35	
Potassium	2390	6.45	"		1500				45.5	35	Non-dir.
Selenium	ND	3.23	"		ND					35	
Silver	ND	0.645	"		ND					35	
Sodium	262	64.5	"		292				10.8	35	
Thallium	ND	3.23	"		ND					35	
Vanadium	25.5	1.29	"		25.7				0.922	35	
Zinc	389	3.23	"		446				13.8	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91204 - EPA 3050B											
Matrix Spike (BE91204-MS1)	*Source sample: 19E0591-04 (SB002 (4-6))							Prepared & Analyzed: 05/20/2019			
Aluminum	5920	6.45	mg/kg dry	258	5850	24.6	75-125	Low Bias			
Antimony	22.8	3.23	"	32.3	ND	70.5	75-125	Low Bias			
Arsenic	240	1.94	"	258	7.26	90.2	75-125				
Barium	431	3.23	"	258	245	72.0	75-125	Low Bias			
Beryllium	6.24	0.065	"	6.45	0.113	94.9	75-125				
Cadmium	6.70	0.387	"	6.45	1.18	85.7	75-125				
Calcium	22000	6.45	"	129	19900	NR	75-125	High Bias			
Chromium	41.4	0.645	"	25.8	17.0	94.3	75-125				
Cobalt	69.2	0.516	"	64.5	8.27	94.5	75-125				
Copper	195	2.58	"	32.3	151	137	75-125	High Bias			
Iron	15900	32.3	"	129	16400	NR	75-125	Low Bias			
Lead	408	0.645	"	64.5	459	NR	75-125	Low Bias			
Magnesium	10900	6.45	"	129	7800	NR	75-125	High Bias			
Manganese	357	0.645	"	64.5	266	142	75-125	High Bias			
Nickel	84.1	1.29	"	64.5	18.9	101	75-125				
Potassium	1730	6.45	"	129	1500	177	75-125	High Bias			
Selenium	208	3.23	"	258	ND	80.4	75-125				
Silver	3.05	0.645	"	6.45	ND	47.2	75-125	Low Bias			
Sodium	444	64.5	"	129	292	118	75-125				
Thallium	248	3.23	"	258	ND	96.1	75-125				
Vanadium	85.5	1.29	"	64.5	25.7	92.7	75-125				
Zinc	414	3.23	"	64.5	446	NR	75-125	Low Bias			
Reference (BE91204-SRM1)								Prepared & Analyzed: 05/20/2019			
Aluminum	7480	5.00	mg/kg wet	8360		89.4	50.2-149.5				
Antimony	103	2.50	"	89.6		115	19.3-258.9				
Arsenic	209	1.50	"	202		103	69.8-130.2				
Barium	285	2.50	"	270		106	75.2-125.2				
Beryllium	106	0.050	"	96.8		110	75-125				
Cadmium	141	0.300	"	141		100	74.5-124.8				
Calcium	4660	5.00	"	4700		99.2	72.6-127.7				
Chromium	176	0.500	"	167		105	70.1-129.9				
Cobalt	191	0.400	"	174		109	74.7-124.7				
Copper	129	2.00	"	108		119	74.7-124.1				
Iron	12600	25.0	"	14700		85.8	36.4-163.9				
Lead	73.9	0.500	"	73.8		100	68.4-131.6				
Magnesium	2190	5.00	"	2310		94.8	61.9-138.1				
Manganese	353	0.500	"	330		107	75.2-124.8				
Nickel	108	1.00	"	89.4		121	69.9-129.8				
Potassium	2210	5.00	"	2240		98.6	60.7-139.7				
Selenium	28.9	2.50	"	49.9		58.0	58.1-141.7	Low Bias			
Silver	76.5	0.500	"	71.1		108	70.7-129.3				
Sodium	220	50.0	"	195		113	45.5-154.4				
Thallium	61.6	2.50	"	58.5		105	60.9-139.3				
Vanadium	56.2	1.00	"	58.2		96.5	57.4-142.6				
Zinc	258	2.50	"	264		97.7	70.1-130.3				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91205 - EPA 3050B											
Blank (BE91205-BLK1)									Prepared & Analyzed: 05/20/2019		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BE91205-DUP1)	*Source sample: 19E0591-07 (SB003 (6-8))								Prepared & Analyzed: 05/20/2019		
Aluminum	11000	5.62	mg/kg dry		10100				7.90	35	
Antimony	ND	2.81	"		ND					35	
Arsenic	ND	1.69	"		3.78					35	
Barium	123	2.81	"		103				17.2	35	
Beryllium	ND	0.056	"		ND					35	
Cadmium	ND	0.337	"		ND					35	
Calcium	3400	5.62	"		2930				14.9	35	
Chromium	23.0	0.562	"		22.0				4.18	35	
Cobalt	13.1	0.449	"		11.9				9.07	35	
Copper	29.1	2.25	"		24.5				17.1	35	
Iron	24900	28.1	"		25600				2.75	35	
Lead	138	0.562	"		53.9				87.4	35	Non-dir.
Magnesium	4350	5.62	"		3830				12.6	35	
Manganese	409	0.562	"		457				11.1	35	
Nickel	24.3	1.12	"		22.5				7.41	35	
Potassium	3660	5.62	"		3390				7.68	35	
Selenium	ND	2.81	"		ND					35	
Silver	ND	0.562	"		ND					35	
Sodium	340	56.2	"		306				10.6	35	
Thallium	ND	2.81	"		ND					35	
Vanadium	32.3	1.12	"		30.8				4.55	35	
Zinc	82.6	2.81	"		57.6				35.7	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91205 - EPA 3050B											
Matrix Spike (BE91205-MS1)	*Source sample: 19E0591-07 (SB003 (6-8))							Prepared & Analyzed: 05/20/2019			
Aluminum	11300	5.62	mg/kg dry	225	10100	538	75-125	High Bias			
Antimony	6.96	2.81	"	28.1	ND	24.8	75-125	Low Bias			
Arsenic	197	1.69	"	225	3.78	86.1	75-125				
Barium	322	2.81	"	225	103	97.1	75-125				
Beryllium	5.01	0.056	"	5.62	ND	89.1	75-125				
Cadmium	5.20	0.337	"	5.62	ND	92.6	75-125				
Calcium	3520	5.62	"	112	2930	529	75-125	High Bias			
Chromium	47.9	0.562	"	22.5	22.0	115	75-125				
Cobalt	67.0	0.449	"	56.2	11.9	98.1	75-125				
Copper	56.8	2.25	"	28.1	24.5	115	75-125				
Iron	23500	28.1	"	112	25600	NR	75-125	Low Bias			
Lead	137	0.562	"	56.2	53.9	147	75-125	High Bias			
Magnesium	4810	5.62	"	112	3830	871	75-125	High Bias			
Manganese	405	0.562	"	56.2	457	NR	75-125	Low Bias			
Nickel	80.7	1.12	"	56.2	22.5	103	75-125				
Potassium	4050	5.62	"	112	3390	584	75-125	High Bias			
Selenium	148	2.81	"	225	ND	66.0	75-125	Low Bias			
Silver	ND	0.562	"	5.62	ND		75-125	Low Bias			
Sodium	413	56.2	"	112	306	95.5	75-125				
Thallium	195	2.81	"	225	ND	86.7	75-125				
Vanadium	86.5	1.12	"	56.2	30.8	99.1	75-125				
Zinc	123	2.81	"	56.2	57.6	117	75-125				
Reference (BE91205-SRM1)								Prepared & Analyzed: 05/20/2019			
Aluminum	7860	5.00	mg/kg wet	8360		94.0	50.2-149.5				
Antimony	110	2.50	"	89.6		122	19.3-258.9				
Arsenic	227	1.50	"	202		113	69.8-130.2				
Barium	312	2.50	"	270		115	75.2-125.2				
Beryllium	110	0.050	"	96.8		114	75-125				
Cadmium	160	0.300	"	141		113	74.5-124.8				
Calcium	4990	5.00	"	4700		106	72.6-127.7				
Chromium	184	0.500	"	167		110	70.1-129.9				
Cobalt	203	0.400	"	174		117	74.7-124.7				
Copper	129	2.00	"	108		119	74.7-124.1				
Iron	13400	25.0	"	14700		91.3	36.4-163.9				
Lead	83.2	0.500	"	73.8		113	68.4-131.6				
Magnesium	2430	5.00	"	2310		105	61.9-138.1				
Manganese	373	0.500	"	330		113	75.2-124.8				
Nickel	117	1.00	"	89.4		131	69.9-129.8	High Bias			
Potassium	2320	5.00	"	2240		103	60.7-139.7				
Selenium	31.8	2.50	"	49.9		63.7	58.1-141.7				
Silver	78.6	0.500	"	71.1		111	70.7-129.3				
Sodium	216	50.0	"	195		111	45.5-154.4				
Thallium	69.0	2.50	"	58.5		118	60.9-139.3				
Vanadium	58.9	1.00	"	58.2		101	57.4-142.6				
Zinc	286	2.50	"	264		108	70.1-130.3				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE90913 - EPA 3015A											
Blank (BE90913-BLK1)											Prepared: 05/15/2019 Analyzed: 05/16/2019
Antimony	ND	1.11	ug/L								
Arsenic	ND	1.11	"								
Beryllium	ND	0.333	"								
Cadmium	ND	0.556	"								
Selenium	ND	1.11	"								
Thallium	ND	1.11	"								
LCS (BE90913-BS1)											Prepared: 05/15/2019 Analyzed: 05/16/2019
Antimony	35.4		ug/L	50.0		70.8	80-120	Low Bias			
Arsenic	45.9		"	50.0		91.8	80-120				
Beryllium	47.2		"	50.0		94.4	80-120				
Cadmium	44.7		"	50.0		89.4	80-120				
Selenium	40.2		"	50.0		80.4	80-120				
Thallium	47.2		"	50.0		94.3	80-120				
Duplicate (BE90913-DUP1)	*Source sample: 19E0591-32 (MW002)										Prepared: 05/15/2019 Analyzed: 05/16/2019
Antimony	ND	1.11	ug/L		1.13					20	
Arsenic	1.61	1.11	"		1.32				19.9	20	
Beryllium	ND	0.333	"		ND					20	
Cadmium	ND	0.556	"		ND					20	
Selenium	70.6	1.11	"		84.5				17.9	20	
Thallium	ND	1.11	"		ND					20	
Matrix Spike (BE90913-MS1)	*Source sample: 19E0591-32 (MW002)										Prepared: 05/15/2019 Analyzed: 05/16/2019
Antimony	37.1		ug/L	50.0	1.02	72.1	75-125	Low Bias			
Arsenic	48.2		"	50.0	1.19	94.0	75-125				
Beryllium	22.6		"	50.0	0.010	45.2	75-125	Low Bias			
Cadmium	42.8		"	50.0	0.265	85.0	75-125				
Selenium	132		"	50.0	76.0	113	75-125				
Thallium	46.1		"	50.0	0.111	92.0	75-125				

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
Batch BE91115 - EPA 3015A											
Blank (BE91115-BLK1)											Prepared: 05/17/2019 Analyzed: 05/20/2019
Antimony - Dissolved	ND	1.11	ug/L								
Arsenic - Dissolved	ND	1.11	"								
Beryllium - Dissolved	ND	0.333	"								
Cadmium - Dissolved	ND	0.556	"								
Selenium - Dissolved	ND	1.11	"								
Thallium - Dissolved	ND	1.11	"								
LCS (BE91115-BS1)											Prepared: 05/17/2019 Analyzed: 05/20/2019
Antimony - Dissolved	37.9		ug/L	50.0		75.7	80-120	Low Bias			
Arsenic - Dissolved	50.2		"	50.0		100	80-120				
Beryllium - Dissolved	46.8		"	50.0		93.7	80-120				
Cadmium - Dissolved	46.4		"	50.0		92.9	80-120				
Selenium - Dissolved	48.1		"	50.0		96.3	80-120				
Thallium - Dissolved	52.5		"	50.0		105	80-120				
Duplicate (BE91115-DUP1)	*Source sample: 19E0591-32 (MW002)										Prepared: 05/17/2019 Analyzed: 05/20/2019
Antimony - Dissolved	ND	1.11	ug/L		ND					20	
Arsenic - Dissolved	ND	1.11	"		ND					20	
Beryllium - Dissolved	ND	0.333	"		ND					20	
Cadmium - Dissolved	ND	0.556	"		ND					20	
Selenium - Dissolved	68.9	1.11	"		58.9				15.5	20	
Thallium - Dissolved	ND	1.11	"		ND					20	
Matrix Spike (BE91115-MS1)	*Source sample: 19E0591-32 (MW002)										Prepared: 05/17/2019 Analyzed: 05/20/2019
Antimony - Dissolved	43.8		ug/L	50.0	0.982	85.6	75-125				
Arsenic - Dissolved	52.2		"	50.0	-0.931	104	75-125				
Beryllium - Dissolved	25.3		"	50.0	-0.006	50.5	75-125	Low Bias			
Cadmium - Dissolved	48.4		"	50.0	0.266	96.2	75-125				
Selenium - Dissolved	105		"	50.0	53.0	104	75-125				
Thallium - Dissolved	54.4		"	50.0	0.211	108	75-125				

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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE90989 - EPA 7473 water											
Blank (BE90989-BLK1)								Prepared & Analyzed: 05/16/2019			
Mercury	ND	0.20	ug/L								
Duplicate (BE90989-DUP1)	*Source sample: 19E0591-32 (MW002)							Prepared & Analyzed: 05/16/2019			
Mercury	ND	0.20	ug/L		ND					20	
Matrix Spike (BE90989-MS1)	*Source sample: 19E0591-32 (MW002)							Prepared & Analyzed: 05/16/2019			
Mercury	0.00848		mg/L	0.0100	0.00	84.8	75-125				
Reference (BE90989-SRM1)								Prepared & Analyzed: 05/16/2019			
Mercury	0.00845		mg/L	0.0100		84.5	70-130				
Batch BE91266 - EPA 7473 water											
Blank (BE91266-BLK1)								Prepared & Analyzed: 05/21/2019			
Mercury - Dissolved	ND	0.0002000	mg/L								
Duplicate (BE91266-DUP1)	*Source sample: 19E0591-32 (MW002)							Prepared & Analyzed: 05/21/2019			
Mercury - Dissolved	ND	0.0002000	mg/L		ND					20	
Matrix Spike (BE91266-MS1)	*Source sample: 19E0591-32 (MW002)							Prepared & Analyzed: 05/21/2019			
Mercury - Dissolved	0.008992		mg/L	0.0100	0.000	89.9	75-125				
Reference (BE91266-SRM1)								Prepared & Analyzed: 05/21/2019			
Mercury - Dissolved	0.009233		mg/L	0.0100		92.3	70-130				
Batch BE91342 - EPA 7473 soil											
Blank (BE91342-BLK1)								Prepared & Analyzed: 05/22/2019			
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	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91342 - EPA 7473 soil											
Duplicate (BE91342-DUP1)	*Source sample: 19E0591-04 (SB002 (4-6))							Prepared & Analyzed: 05/22/2019			
Mercury	0.521	0.0387	mg/kg dry		0.616				16.6	35	
Matrix Spike (BE91342-MS1)	*Source sample: 19E0591-04 (SB002 (4-6))							Prepared & Analyzed: 05/22/2019			
Mercury	1.05		mg/kg	0.500	0.477	114	75-125				
Reference (BE91342-SRM1)								Prepared & Analyzed: 05/22/2019			
Mercury	3.3790		mg/kg	3.71		91.1	65-135				
Batch BE91343 - EPA 7473 soil											
Blank (BE91343-BLK1)								Prepared & Analyzed: 05/22/2019			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BE91343-DUP1)	*Source sample: 19E0591-07 (SB003 (6-8))							Prepared & Analyzed: 05/22/2019			
Mercury	0.450	0.0337	mg/kg dry		0.323				33.1	35	
Matrix Spike (BE91343-MS1)	*Source sample: 19E0591-07 (SB003 (6-8))							Prepared & Analyzed: 05/22/2019			
Mercury	0.768		mg/kg	0.500	0.287	96.1	75-125				
Reference (BE91343-SRM1)								Prepared & Analyzed: 05/22/2019			
Mercury	3.7417		mg/kg	3.71		101	65-135				
Batch BE91382 - EPA 7473 soil											
Blank (BE91382-BLK1)								Prepared & Analyzed: 05/22/2019			
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	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91382 - EPA 7473 soil											
Duplicate (BE91382-DUP1)	*Source sample: 19E0591-22 (SB008 (6-8))							Prepared & Analyzed: 05/22/2019			
Mercury	0.300	0.0409	mg/kg dry		0.244				20.9	35	
Matrix Spike (BE91382-MS1)	*Source sample: 19E0591-22 (SB008 (6-8))							Prepared & Analyzed: 05/22/2019			
Mercury	0.640		mg/kg	0.500	0.179	92.2	75-125				
Reference (BE91382-SRM1)								Prepared & Analyzed: 05/22/2019			
Mercury	3.1821		mg/kg	3.71		85.8	65-135				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE91045 - % Solids Prep											
Duplicate (BE91045-DUP1)	*Source sample: 19E0591-04 (SB002 (4-6))								Prepared: 05/16/2019 Analyzed: 05/17/2019		
% Solids	79.4	0.100	%		77.5				2.41	20	
Batch BE91124 - % Solids Prep											
Duplicate (BE91124-DUP1)	*Source sample: 19E0591-07 (SB003 (6-8))								Prepared: 05/17/2019 Analyzed: 05/18/2019		
% Solids	90.3	0.100	%		89.0				1.47	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19E0591-25	SB009 (6-8)	40mL Vial with Stir Bar-Cool 4° C
19E0591-26	SB009 (2-4)	40mL Vial with Stir Bar-Cool 4° C
19E0591-27	SB009 (8-10)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
19E0591-31	MW001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-32	MW002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-33	MW003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-34	MW004	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-37	DUPE003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-38	SB009 (8-10) E	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
19E0591-39	SB009 (8-10) N	40mL Vial with Stir Bar-Cool 4° C
19E0591-40	SB009 (8-10) W	40mL Vial with Stir Bar-Cool 4° C
19E0591-41	FB001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-42	EB001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-43	FB002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-44	EB002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-45	FB003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-46	EB003	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-47	TB001	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0591-48	TB002	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
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).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
IS-01	This internal standard did not meet acceptance criteria. The sample was reanalyzed to confirm matrix interference.
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.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CRL	The RL check for this element recovered outside of control limits.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-SRD1	The serial dilution for this element was outside control limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	The spike recovery or RPD may not be available or within QC limits because of sample dilution due to high analyte concentration and/or matrix interference.
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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
S-08	The recovery of this surrogate was outside of QC limits.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.

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

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YORK Project No. 19E0591

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Ave, Bohemia NY 11716	Address:	Address:
Phone.: 631-589-6353	Phone.:	Phone.:
Contact: Dan Haug	Contact:	Contact:
E-mail: DHaug@pwgrosser.com	E-mail:	E-mail:

YOUR Project Number: LST1802

YOUR Project Name: LST1802

YOUR PO#:

Turn-Around Time

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

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

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

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania X
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB001 (0-2)	S	915	SVOCs, metals, Pest, PCBs	
SB001 (2-4)	S	925	SVOCs, metals, Pest, PCBs	
SB001 (4-6)	S	920	SVOCs, metals, Pest, PCBs	
SB002 (4-6), SB002(4-6)MS, SB002(4-6)MSD	S	830	SVOCs, metals, Pest, PCBs	
SB002 (6-8)	S	850	SVOCs, metals, Pest, PCBs	
SB002 (0-2)	S	845	SVOCs, metals, Pest, PCBs	
SB003 (6-8), SB003(6-8)MS, SB003(6-8)MSD	S	735	SVOCs, metals, Pest, PCBs	
SB003 (10-12)	S	745	SVOCs, metals, Pest, PCBs	
SB003 (0-2)	S	740	SVOCs, metals, Pest, PCBs	
SB004 (0-2)	S	930	SVOCs, metals, Pest, PCBs.	

Comments: Proposal from 4/29/19

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

Special Instruction
Field Filtered ___
Lab to Filter X

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	5/13/19 1300 ~~10/10/19 1500~~	K Bahr York	5/13/19 230PM	K Bahr York	5/13/19
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				PJGrace 5-13-19 1744	2.0 Degrees C

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YORK Project No. 19E0591

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Ave Bohemia NY 11716	Address:	Address:
Phone: 631-589-6353	Phone:	Phone:
Contact: Dan Haug	Contact:	Contact:
E-mail: DHaug@PWGrosser.com	E-mail:	E-mail:

YOUR Project Number: LST1802

YOUR Project Name: LST1802

YOUR PO#:

Turn-Around Time

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

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

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

#	Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
	SB004 (4-6)	S	935 5/10/19	SVOCs, metals, Pest, PCBs	
	SB004 (2-4)	S	940 5/10/19	SVOCs, metals, Pest, PCBs	
	SB005 (2-4)	S	815 5/10/19	SVOCs, metals, Pest, PCBs	
	SB005 (0-2)	S	825 5/10/19	SVOCs, metals, Pest, PCBs	
	SB005 (8-10)	S	820 5/10/19	SVOCs, metals, Pest, PCBs	
	SB006 (0-2)	S	900 5/10/19	SVOCs, metals, Pest, PCBs	
	SB006 (4-6)	S	905 5/10/19	SVOCs, metals, Pest, PCBs	
	SB006 (6-8)	S	910 5/10/19	SVOCs, metals, Pest, PCBs	
	SB007 (8-10)	S	1250 5/10/19	SVOCs, metals	
	SB007 (12-14)	S	1300 5/10/19	SVOCs metals	

Comments: Proposal from 4/29/19

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

Special Instruction
Field Filtered ___
Lab to Filter X

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	10/10/19 1500	KBakyork	5/13/19 2300PM	KBakyork	5/13/19
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				JGrace	5-13-19 1744 @ 2.0 Degrees C

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YORK Project No. 19E0591

YOUR Information	Report To:	Invoice To:
Company: PWGS	Company:	Company:
Address: 630 Johnson Ave Bohemia NY 11716	Address:	Address:
Phone: 631-589-6353	Phone:	Phone:
Contact: Dan Haug	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: LST1802

YOUR Project Name: LST1802

YOUR PO#:

Turn-Around Time

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

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

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ¦ Other

Samples From

New York	
New Jersey	
Connecticut	
Pennsylvania	X
Other	

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
SB007 (0-2)		1240	SVOCs, metals	
SB008 (6-8)		700	SVOCs, metals	
SB008 (0-2)		705	SVOCs, metals	
SB008 (4-6)		710	SVOCs; metals	
SB009 (6-8)		810	SVOCs, metals, ~~Pest, PCBs~~, VOCs	
SB009 (2-4)		800	SVOCs, metals, ~~Pest, PCBs~~, VOCs	
SB009 (8-10)		805	SVOCs, metals, ~~Pest, PCBs~~, VOCs	
SB010 (0-2)		1345	SVOCs, metals	
SB010 (6-8)		1350	SVOCs, metals	
SB010 (2-4)		1330	SVOCs, metals	

Comments: Proposal from 4/29/19

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

Special Instruction
Field Filtered ___
Lab to Filter X

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	10/10/19 1500	KBarkyork	5/13/19 2300hrs	KBarkyork	5/13/19
Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Grace	5-13-19

Temp. Received at Lab
1744 e2.0 Degrees C

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YORK Project No. 19E0591

YOUR Information	Report To:	Invoice To:
Company: PWGC	Company:	Company:
Address: 630 Johnson Ave Bohemia NY	Address:	Address:
Phone.: 631-589-6353	Phone.:	Phone.:
Contact: Dan Haug	Contact:	Contact:
E-mail: DHaug@PWGrosser.com	E-mail:	E-mail:

YOUR Project Number: LST1802

YOUR Project Name: LST1802

YOUR PO#:

Turn-Around Time

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

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

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

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

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other

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

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
MW001	W	730	SVOCs, Metals (total, dissolved) Pest, PCBs, VOCs	
MW002 / MW002(MS) / MW002(MSD)	W	1000	SVOCs, Metals (total, dissolved) Pest, PCBs, VOCs	
MW003	W	~~730~~ 1100	SVOCs, Metals (total, dissolved) Pest, PCBs, VOCs	
MW004	W	1215	SVOCs, Metals (total, dissolved) Pest, PCBs, VOCs	
DUPE001	S	~~1215~~ NM	SVOCs, metals	
DUPE002	S	NM	SVOCs, metals	
DUPE003	W	NM	SVOCs, Metals (total, dissolved) Pest PCBs, VOCs.	
SB009(8-10)E	S	1135	VOC	
SB009(8-10)N	S	1130	VOC	
SB009(8-10)W	S	1230	VOC	

Comments: Proposal from 4/29/19

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

Special Instruction: Field Filtered ___ Lab to Filter X

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	10/10/19 1500	KBakyork	5/13/19 230PM	KBakyork	5/13/19
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by / Date/Time	Temp. Received at Lab
				PGrace 5-13-19	1744 @2-0 Degrees C

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YORK Project No. 19E0591

YOUR Information	Report To:	Invoice To:
Company: PWGR	Company:	Company:
Address: 63A Johnson Ave Bohemia NY 11716	Address:	Address:
Phone.: 631-589-6353	Phone.:	Phone:
Contact: Dan Haug	Contact:	Contact:
E-mail: DHaug@pwgrosser.com	E-mail:	E-mail:

YOUR Project Number: LST1802

YOUR Project Name: LST1802

YOUR PO#:

Turn-Around Time

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

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

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)

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

YORK Reg. Comp.

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
FB001	W	10/10/19	SVOCs, VOCs, metals (total/dissolved) Pest PCBs	
EB001	W	10/10/19	SVOCs, VOCs, metals (total/dissolved) Pest PCBs	
FB002	W	10/10/19	SVOC, VOCs metal (total/dissolved) Pest PCBs	
EB002	W	10/10/19	SVOC, VOCs metal (total/dissolved) Pest PCBs	
FB003	W	10/10/19	SVOC, VOC metals (total/dissolved) Pest, PCBs	
EB003	W	10/11/19	SVOC, VOCs: metals, (total, dissolved) Pest, PCBs	

Comments: Proposal from 4/29/19

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

Special Instruction
Field Filtered ___
Lab to Filter ✓

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	10/10/19 1500	KBakyork	5/13/19 230pm	KBakyork	5/13/19
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temp. Received at Lab
				PGrace	5-13-19 1744 @ 2.0 C Degrees C

ANALYTICAL REPORT

Lab Number:	L1924473
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Derek Ersbak
Phone:	(631) 589-6353
Project Name:	399 EXTERIOR STREET
Project Number:	LST1802
Report Date:	07/02/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1924473-01	SB017(6-8)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 16:00	06/07/19
L1924473-02	SB003(8-10)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 08:00	06/07/19
L1924473-03	SB003(10-12)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 08:05	06/07/19
L1924473-04	SB003(12-14)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 08:10	06/07/19
L1924473-05	SB003(14-16)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 08:15	06/07/19
L1924473-06	SB008(8-10)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 13:00	06/07/19
L1924473-07	SB008(10-12)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 13:05	06/07/19
L1924473-08	SB013(6-8)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 10:00	06/07/19
L1924473-09	SB013(8-10)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 10:05	06/07/19
L1924473-10	SB013(10-12)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 10:15	06/07/19
L1924473-11	SB011(8-10)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 08:20	06/07/19
L1924473-12	SB011(10-12)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 08:25	06/07/19
L1924473-13	SB011(12-14)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 08:25	06/07/19
L1924473-14	SB005(6-8)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 11:00	06/07/19
L1924473-15	SB005(4-6)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 11:05	06/07/19
L1924473-16	SB006(8-10)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 11:10	06/07/19
L1924473-17	SB006(10-12)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 11:15	06/07/19
L1924473-18	SB001(6-8)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 11:20	06/07/19
L1924473-19	SB001(8-10)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 11:25	06/07/19
L1924473-20	SB001(10-12)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 11:30	06/07/19
L1924473-21	SB016(6-8)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 13:00	06/07/19
L1924473-22	SB016(8-10)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 13:10	06/07/19
L1924473-23	SB016(10-12)	SOIL	399 EXTERIOR ST., BRONX, NY	06/06/19 13:20	06/07/19

Project Name:	399 EXTERIOR STREET	**Lab Number:**	L1924473
Project Number:	LST1802	**Report Date:**	07/02/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	399 EXTERIOR STREET	**Lab Number:**	L1924473
Project Number:	LST1802	**Report Date:**	07/02/19

Case Narrative (continued)

Report Submission

July 02, 2019: This final report includes the results of the Total Arsenic, Copper, and Lead analyses performed on L1924473-23.

June 25, 2019: This preliminary report includes the result of the Total Lead analysis performed on L1924473-13.

June 25, 2019: This preliminary report includes the results of the Semivolatile Organics analysis performed on L1924473-07 and -19, and the results of the Total Metals analysis performed on L1924473-22.

June 14, 2019: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/02/19

ORGANICS

VOLATILES

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/12/19 13:59
Analyst: JC
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.20	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21 Date Collected: 06/06/19 13:00

Client ID: SB016(6-8) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	0.36	J	ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
Xylenes, Total	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	110		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	19		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.16	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.21	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.9	0.80	1
Acrylonitrile	ND		ug/kg	4.9	1.4	1

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.41	1
1,4-Dioxane	ND		ug/kg	98	43.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.22	1
p-Ethyltoluene	ND		ug/kg	2.4	0.47	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.42	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	98		70-130

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/12/19 07:55
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 21 Batch: WG1247990-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/12/19 07:55
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 21 Batch: WG1247990-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	0.30	J	ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/12/19 07:55
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 21 Batch: WG1247990-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21 Batch: WG1247990-3 WG1247990-4								
Methylene chloride	112		111		70-130	1		30
1,1-Dichloroethane	106		103		70-130	3		30
Chloroform	102		100		70-130	2		30
Carbon tetrachloride	88		84		70-130	5		30
1,2-Dichloropropane	110		108		70-130	2		30
Dibromochloromethane	93		92		70-130	1		30
1,1,2-Trichloroethane	103		101		70-130	2		30
Tetrachloroethene	82		78		70-130	5		30
Chlorobenzene	92		89		70-130	3		30
Trichlorofluoromethane	81		78		70-139	4		30
1,2-Dichloroethane	109		108		70-130	1		30
1,1,1-Trichloroethane	93		90		70-130	3		30
Bromodichloromethane	105		104		70-130	1		30
trans-1,3-Dichloropropene	104		102		70-130	2		30
cis-1,3-Dichloropropene	113		110		70-130	3		30
1,1-Dichloropropene	92		90		70-130	2		30
Bromoform	91		90		70-130	1		30
1,1,2,2-Tetrachloroethane	96		95		70-130	1		30
Benzene	103		100		70-130	3		30
Toluene	90		87		70-130	3		30
Ethylbenzene	89		86		70-130	3		30
Chloromethane	108		104		52-130	4		30
Bromomethane	96		92		57-147	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21 Batch: WG1247990-3 WG1247990-4								
Vinyl chloride	91		88		67-130	3		30
Chloroethane	87		85		50-151	2		30
1,1-Dichloroethene	91		86		65-135	6		30
trans-1,2-Dichloroethene	96		94		70-130	2		30
Trichloroethene	94		91		70-130	3		30
1,2-Dichlorobenzene	93		91		70-130	2		30
1,3-Dichlorobenzene	92		89		70-130	3		30
1,4-Dichlorobenzene	91		89		70-130	2		30
Methyl tert butyl ether	117		116		66-130	1		30
p/m-Xylene	90		86		70-130	5		30
o-Xylene	92		89		70-130	3		30
cis-1,2-Dichloroethene	103		101		70-130	2		30
Dibromomethane	106		107		70-130	1		30
Styrene	94		92		70-130	2		30
Dichlorodifluoromethane	95		91		30-146	4		30
Acetone	131		127		54-140	3		30
Carbon disulfide	86		83		59-130	4		30
2-Butanone	110		100		70-130	10		30
Vinyl acetate	121		120		70-130	1		30
4-Methyl-2-pentanone	101		98		70-130	3		30
1,2,3-Trichloropropane	101		99		68-130	2		30
2-Hexanone	92		90		70-130	2		30
Bromochloromethane	105		104		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21 Batch: WG1247990-3 WG1247990-4								
2,2-Dichloropropane	103		98		70-130	5		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	103		102		69-130	1		30
1,1,1,2-Tetrachloroethane	96		93		70-130	3		30
Bromobenzene	92		90		70-130	2		30
n-Butylbenzene	87		83		70-130	5		30
sec-Butylbenzene	85		81		70-130	5		30
tert-Butylbenzene	85		81		70-130	5		30
o-Chlorotoluene	91		88		70-130	3		30
p-Chlorotoluene	92		89		70-130	3		30
1,2-Dibromo-3-chloropropane	88		85		68-130	3		30
Hexachlorobutadiene	81		77		67-130	5		30
Isopropylbenzene	86		82		70-130	5		30
p-Isopropyltoluene	86		82		70-130	5		30
Naphthalene	92		89		70-130	3		30
Acrylonitrile	114		114		70-130	0		30
n-Propylbenzene	88		84		70-130	5		30
1,2,3-Trichlorobenzene	96		92		70-130	4		30
1,2,4-Trichlorobenzene	92		88		70-130	4		30
1,3,5-Trimethylbenzene	88		86		70-130	2		30
1,2,4-Trimethylbenzene	90		87		70-130	3		30
1,4-Dioxane	130		128		65-136	2		30
p-Diethylbenzene	86		80		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 21 Batch: WG1247990-3 WG1247990-4								
p-Ethyltoluene	88		84		70-130	5		30
1,2,4,5-Tetramethylbenzene	90		86		70-130	5		30
Ethyl ether	119		118		67-130	1		30
trans-1,4-Dichloro-2-butene	103		98		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	98		98		70-130

SEMIVOLATILES

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-01
Client ID: SB017(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 16:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/11/19 08:57
Analyst: RC
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 02:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	110	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-01 Date Collected: 06/06/19 16:00

Client ID: SB017(6-8) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	140		ug/kg	120	23.	1
Benzo(a)pyrene	190		ug/kg	160	50.	1
Benzo(b)fluoranthene	160		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	240		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	160		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	54	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	62	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	69	J	ug/kg	160	28.	1
Pyrene	170		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	970	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	97.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 399 EXTERIOR STREET
Lab Number: L1924473
Project Number: LST1802
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-01
Client ID: SB017(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 16:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	200	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	59		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	51		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-06
Client ID: SB008(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/11/19 19:01
Analyst: RC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 22:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1100		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	16000	E	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	1100		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-06 Date Collected: 06/06/19 13:00

Client ID: SB008(8-10) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	6500		ug/kg	120	22.	1
Benzo(a)pyrene	6400		ug/kg	160	48.	1
Benzo(b)fluoranthene	7500		ug/kg	120	33.	1
Benzo(k)fluoranthene	2300		ug/kg	120	31.	1
Chrysene	5500		ug/kg	120	20.	1
Acenaphthylene	670		ug/kg	160	30.	1
Anthracene	3000		ug/kg	120	38.	1
Benzo(ghi)perylene	3900		ug/kg	160	23.	1
Fluorene	950		ug/kg	200	19.	1
Phenanthrene	11000	E	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	750		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	4200		ug/kg	160	27.	1
Pyrene	14000	E	ug/kg	120	20.	1
Biphenyl	150	J	ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	940		ug/kg	200	18.	1
2-Methylnaphthalene	340		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	75	J	ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	130	J	ug/kg	280	31.	1

Project Name: 399 EXTERIOR STREET
Lab Number: L1924473
Project Number: LST1802
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-06
Client ID: SB008(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	1100		ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	56		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-06 D
Client ID: SB008(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/14/19 11:54
Analyst: JG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 22:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	23000		ug/kg	590	110	5
Phenanthrene	17000		ug/kg	590	120	5
Pyrene	21000		ug/kg	590	98.	5

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-07
Client ID: SB008(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:05
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/24/19 02:50
Analyst: EK
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 09:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	32	J	ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	39.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	400		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	78	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-07 Date Collected: 06/06/19 13:05

Client ID: SB008(10-12) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	280		ug/kg	140	26.	1
Benzo(a)pyrene	250		ug/kg	180	56.	1
Benzo(b)fluoranthene	260		ug/kg	140	39.	1
Benzo(k)fluoranthene	75	J	ug/kg	140	37.	1
Chrysene	240		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	86	J	ug/kg	140	45.	1
Benzo(ghi)perylene	140	J	ug/kg	180	27.	1
Fluorene	30	J	ug/kg	230	22.	1
Phenanthrene	270		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	31	J	ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	180	32.	1
Pyrene	500		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	53.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	86.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	570		ug/kg	330	36.	1

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-07
Client ID: SB008(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 13:05
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	ND		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	49		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-08
Client ID: SB013(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 10:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/11/19 17:19
Analyst: RC
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 22:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	170		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-08 Date Collected: 06/06/19 10:00

Client ID: SB013(6-8) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	100	J	ug/kg	110	21.	1
Benzo(a)pyrene	110	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	130		ug/kg	110	32.	1
Benzo(k)fluoranthene	48	J	ug/kg	110	30.	1
Chrysene	99	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	79	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	62	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	82	J	ug/kg	150	26.	1
Pyrene	190		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 399 EXTERIOR STREET
Lab Number: L1924473
Project Number: LST1802
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-08
Client ID: SB013(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 10:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	61		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-15
Client ID: SB005(4-6)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 11:05
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/11/19 13:02
Analyst: RC
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 22:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-15 Date Collected: 06/06/19 11:05

Client ID: SB005(4-6) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 399 EXTERIOR STREET
Lab Number: L1924473
Project Number: LST1802
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-15
Client ID: SB005(4-6)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 11:05
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	63		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-18
Client ID: SB001(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 11:20
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/11/19 18:10
Analyst: RC
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 22:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	55	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	4100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	190		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-18 Date Collected: 06/06/19 11:20

Client ID: SB001(6-8) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	3200		ug/kg	110	21.	1
Benzo(a)pyrene	3100		ug/kg	150	45.	1
Benzo(b)fluoranthene	4200		ug/kg	110	31.	1
Benzo(k)fluoranthene	1400		ug/kg	110	30.	1
Chrysene	2600		ug/kg	110	19.	1
Acenaphthylene	670		ug/kg	150	28.	1
Anthracene	430		ug/kg	110	36.	1
Benzo(ghi)perylene	1800		ug/kg	150	22.	1
Fluorene	72	J	ug/kg	180	18.	1
Phenanthrene	520		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	530		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	2200		ug/kg	150	26.	1
Pyrene	3300		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	65	J	ug/kg	180	18.	1
2-Methylnaphthalene	58	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	38	J	ug/kg	270	29.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-18 Date Collected: 06/06/19 11:20

Client ID: SB001(6-8) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	55	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	60		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-19
Client ID: SB001(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 11:25
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/24/19 03:14
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 06/19/19 09:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	220		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-19 Date Collected: 06/06/19 11:25

Client ID: SB001(8-10) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	160		ug/kg	120	23.	1
Benzo(a)pyrene	150	J	ug/kg	160	50.	1
Benzo(b)fluoranthene	200		ug/kg	120	34.	1
Benzo(k)fluoranthene	68	J	ug/kg	120	32.	1
Chrysene	140		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	95	J	ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	91	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	26	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	100	J	ug/kg	160	28.	1
Pyrene	200		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1

Project Name: 399 EXTERIOR STREET
Lab Number: L1924473
Project Number: LST1802
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-19
Client ID: SB001(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 11:25
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	ND		ug/kg	200	20.	1
1,4-Dioxane	ND		ug/kg	30	9.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	61		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/11/19 05:58
Analyst: RC
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 02:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Hexachlorobenzene	ND		ug/kg	140	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	230	22.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	39.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	60.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	210		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	23.	1
Hexachlorobutadiene	ND		ug/kg	230	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	200	30.	1
Naphthalene	39	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	200	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	57.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	77.	1

Project Name: 399 EXTERIOR STREET **Lab Number:** L1924473

Project Number: LST1802 **Report Date:** 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21 Date Collected: 06/06/19 13:00

Client ID: SB016(6-8) Date Received: 06/07/19

Sample Location: 399 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	120	J	ug/kg	140	26.	1
Benzo(a)pyrene	120	J	ug/kg	180	56.	1
Benzo(b)fluoranthene	120	J	ug/kg	140	38.	1
Benzo(k)fluoranthene	52	J	ug/kg	140	36.	1
Chrysene	120	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	140	44.	1
Benzo(ghi)perylene	63	J	ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	130	J	ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	66	J	ug/kg	180	32.	1
Pyrene	220		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	53.	1
4-Chloroaniline	ND		ug/kg	230	41.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	94.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	75.	1
2-Nitrophenol	ND		ug/kg	490	86.	1
4-Nitrophenol	ND		ug/kg	320	93.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	77	J	ug/kg	330	36.	1

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	ND		ug/kg	230	22.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	62		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	57		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/11/19 00:50
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/10/19 02:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,21 Batch: WG1246368-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/11/19 00:50
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/10/19 02:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,21 Batch: WG1246368-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/11/19 00:50
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/10/19 02:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,21 Batch: WG1246368-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	83		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/11/19 09:36
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/10/19 14:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,08,15,18 Batch: WG1246559-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/11/19 09:36
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/10/19 14:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,08,15,18 Batch: WG1246559-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/11/19 09:36
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/10/19 14:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06,08,15,18 Batch: WG1246559-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	74		18-120

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/20/19 03:20
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/19/19 09:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07,19 Batch: WG1250337-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/20/19 03:20
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/19/19 09:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07,19 Batch: WG1250337-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/20/19 03:20
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 06/19/19 09:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 07,19 Batch: WG1250337-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	61		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,21 Batch: WG1246368-2 WG1246368-3								
Acenaphthene	84		75		31-137	11		50
1,2,4-Trichlorobenzene	82		73		38-107	12		50
Hexachlorobenzene	87		80		40-140	8		50
Bis(2-chloroethyl)ether	78		70		40-140	11		50
2-Chloronaphthalene	88		79		40-140	11		50
1,2-Dichlorobenzene	76		69		40-140	10		50
1,3-Dichlorobenzene	76		68		40-140	11		50
1,4-Dichlorobenzene	76		68		28-104	11		50
3,3'-Dichlorobenzidine	67		60		40-140	11		50
2,4-Dinitrotoluene	102		93		40-132	9		50
2,6-Dinitrotoluene	107		99		40-140	8		50
Fluoranthene	90		79		40-140	13		50
4-Chlorophenyl phenyl ether	86		78		40-140	10		50
4-Bromophenyl phenyl ether	87		79		40-140	10		50
Bis(2-chloroisopropyl)ether	81		72		40-140	12		50
Bis(2-chloroethoxy)methane	87		78		40-117	11		50
Hexachlorobutadiene	83		73		40-140	13		50
Hexachlorocyclopentadiene	72		64		40-140	12		50
Hexachloroethane	78		70		40-140	11		50
Isophorone	86		78		40-140	10		50
Naphthalene	83		72		40-140	14		50
Nitrobenzene	99		87		40-140	13		50
NDPA/DPA	90		82		36-157	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,21 Batch: WG1246368-2 WG1246368-3								
n-Nitrosodi-n-propylamine	85		77		32-121	10		50
Bis(2-ethylhexyl)phthalate	96		87		40-140	10		50
Butyl benzyl phthalate	96		85		40-140	12		50
Di-n-butylphthalate	90		82		40-140	9		50
Di-n-octylphthalate	94		86		40-140	9		50
Diethyl phthalate	87		80		40-140	8		50
Dimethyl phthalate	92		84		40-140	9		50
Benzo(a)anthracene	86		80		40-140	7		50
Benzo(a)pyrene	96		85		40-140	12		50
Benzo(b)fluoranthene	92		81		40-140	13		50
Benzo(k)fluoranthene	92		84		40-140	9		50
Chrysene	86		79		40-140	8		50
Acenaphthylene	91		82		40-140	10		50
Anthracene	86		77		40-140	11		50
Benzo(ghi)perylene	86		77		40-140	11		50
Fluorene	86		77		40-140	11		50
Phenanthrene	84		75		40-140	11		50
Dibenzo(a,h)anthracene	86		77		40-140	11		50
Indeno(1,2,3-cd)pyrene	87		79		40-140	10		50
Pyrene	88		79		35-142	11		50
Biphenyl	82		73		54-104	12		50
4-Chloroaniline	79		71		40-140	11		50
2-Nitroaniline	106		98		47-134	8		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,21 Batch: WG1246368-2 WG1246368-3								
3-Nitroaniline	84		77		26-129	9		50
4-Nitroaniline	110		100		41-125	10		50
Dibenzofuran	85		77		40-140	10		50
2-Methylnaphthalene	84		75		40-140	11		50
1,2,4,5-Tetrachlorobenzene	78		71		40-117	9		50
Acetophenone	80		72		14-144	11		50
2,4,6-Trichlorophenol	101		90		30-130	12		50
p-Chloro-m-cresol	99		91		26-103	8		50
2-Chlorophenol	89		78		25-102	13		50
2,4-Dichlorophenol	97		88		30-130	10		50
2,4-Dimethylphenol	95		87		30-130	9		50
2-Nitrophenol	118		107		30-130	10		50
4-Nitrophenol	106		94		11-114	12		50
2,4-Dinitrophenol	121		111		4-130	9		50
4,6-Dinitro-o-cresol	**132**	Q	121		10-130	9		50
Pentachlorophenol	84		76		17-109	10		50
Phenol	83		74		26-90	11		50
2-Methylphenol	90		82		30-130.	9		50
3-Methylphenol/4-Methylphenol	92		82		30-130	11		50
2,4,5-Trichlorophenol	102		93		30-130	9		50
Benzoic Acid	54		46		10-110	16		50
Benzyl Alcohol	88		78		40-140	12		50
Carbazole	88		80		54-128	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,21 Batch: WG1246368-2 WG1246368-3								
1,4-Dioxane	62		55		40-140	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		68		25-120
Phenol-d6	77		67		10-120
Nitrobenzene-d5	92		83		23-120
2-Fluorobiphenyl	77		69		30-120
2,4,6-Tribromophenol	88		82		10-136
4-Terphenyl-d14	77		69		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

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Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,08,15,18 Batch: WG1246559-2 WG1246559-3								
Acenaphthene	63		69		31-137	9		50
1,2,4-Trichlorobenzene	57		53		38-107	7		50
Hexachlorobenzene	61		69		40-140	12		50
Bis(2-chloroethyl)ether	58		54		40-140	7		50
2-Chloronaphthalene	64		67		40-140	5		50
1,2-Dichlorobenzene	56		49		40-140	13		50
1,3-Dichlorobenzene	54		47		40-140	14		50
1,4-Dichlorobenzene	56		48		28-104	15		50
3,3'-Dichlorobenzidine	51		61		40-140	18		50
2,4-Dinitrotoluene	70		82		40-132	16		50
2,6-Dinitrotoluene	68		78		40-140	14		50
Fluoranthene	67		81		40-140	19		50
4-Chlorophenyl phenyl ether	64		70		40-140	9		50
4-Bromophenyl phenyl ether	65		74		40-140	13		50
Bis(2-chloroisopropyl)ether	59		55		40-140	7		50
Bis(2-chloroethoxy)methane	64		65		40-117	2		50
Hexachlorobutadiene	58		56		40-140	4		50
Hexachlorocyclopentadiene	67		68		40-140	1		50
Hexachloroethane	59		50		40-140	17		50
Isophorone	68		68		40-140	0		50
Naphthalene	59		60		40-140	2		50
Nitrobenzene	71		70		40-140	1		50
NDPA/DPA	70		77		36-157	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,08,15,18 Batch: WG1246559-2 WG1246559-3								
n-Nitrosodi-n-propylamine	68		69		32-121	1		50
Bis(2-ethylhexyl)phthalate	68		80		40-140	16		50
Butyl benzyl phthalate	72		86		40-140	18		50
Di-n-butylphthalate	68		80		40-140	16		50
Di-n-octylphthalate	70		83		40-140	17		50
Diethyl phthalate	70		79		40-140	12		50
Dimethyl phthalate	67		74		40-140	10		50
Benzo(a)anthracene	68		81		40-140	17		50
Benzo(a)pyrene	73		89		40-140	20		50
Benzo(b)fluoranthene	69		84		40-140	20		50
Benzo(k)fluoranthene	69		85		40-140	21		50
Chrysene	64		77		40-140	18		50
Acenaphthylene	68		74		40-140	8		50
Anthracene	64		74		40-140	14		50
Benzo(ghi)perylene	67		82		40-140	20		50
Fluorene	68		73		40-140	7		50
Phenanthrene	62		71		40-140	14		50
Dibenzo(a,h)anthracene	66		80		40-140	19		50
Indeno(1,2,3-cd)pyrene	68		85		40-140	22		50
Pyrene	68		81		35-142	17		50
Biphenyl	62		64		54-104	3		50
4-Chloroaniline	72		68		40-140	6		50
2-Nitroaniline	78		89		47-134	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,08,15,18 Batch: WG1246559-2 WG1246559-3								
3-Nitroaniline	62		70		26-129	12		50
4-Nitroaniline	77		92		41-125	18		50
Dibenzofuran	66		72		40-140	9		50
2-Methylnaphthalene	62		64		40-140	3		50
1,2,4,5-Tetrachlorobenzene	56		58		40-117	4		50
Acetophenone	60		60		14-144	0		50
2,4,6-Trichlorophenol	70		78		30-130	11		50
p-Chloro-m-cresol	79		86		26-103	8		50
2-Chlorophenol	63		62		25-102	2		50
2,4-Dichlorophenol	68		71		30-130	4		50
2,4-Dimethylphenol	72		75		30-130	4		50
2-Nitrophenol	74		76		30-130	3		50
4-Nitrophenol	80		94		11-114	16		50
2,4-Dinitrophenol	71		82		4-130	14		50
4,6-Dinitro-o-cresol	80		95		10-130	17		50
Pentachlorophenol	69		81		17-109	16		50
Phenol	72		73		26-90	1		50
2-Methylphenol	67		69		30-130.	3		50
3-Methylphenol/4-Methylphenol	69		71		30-130	3		50
2,4,5-Trichlorophenol	73		81		30-130	10		50
Benzoic Acid	44		45		10-110	2		50
Benzyl Alcohol	72		73		40-140	1		50
Carbazole	68		81		54-128	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06,08,15,18 Batch: WG1246559-2 WG1246559-3								
1,4-Dioxane	51		40		40-140	24		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		61		25-120
Phenol-d6	65		66		10-120
Nitrobenzene-d5	76		75		23-120
2-Fluorobiphenyl	65		69		30-120
2,4,6-Tribromophenol	69		80		10-136
4-Terphenyl-d14	64		77		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,19 Batch: WG1250337-2 WG1250337-3								
Acenaphthene	69		83		31-137	18		50
1,2,4-Trichlorobenzene	64		75		38-107	16		50
Hexachlorobenzene	90		97		40-140	7		50
Bis(2-chloroethyl)ether	63		69		40-140	9		50
2-Chloronaphthalene	52		72		40-140	32		50
1,2-Dichlorobenzene	56		66		40-140	16		50
1,3-Dichlorobenzene	60		65		40-140	8		50
1,4-Dichlorobenzene	60		65		28-104	8		50
3,3'-Dichlorobenzidine	60		68		40-140	13		50
2,4-Dinitrotoluene	78		93		40-132	18		50
2,6-Dinitrotoluene	59		80		40-140	30		50
Fluoranthene	88		94		40-140	7		50
4-Chlorophenyl phenyl ether	78		91		40-140	15		50
4-Bromophenyl phenyl ether	92		101		40-140	9		50
Bis(2-chloroisopropyl)ether	52		63		40-140	19		50
Bis(2-chloroethoxy)methane	68		78		40-117	14		50
Hexachlorobutadiene	71		84		40-140	17		50
Hexachlorocyclopentadiene	71		96		40-140	30		50
Hexachloroethane	67		74		40-140	10		50
Isophorone	68		83		40-140	20		50
Naphthalene	64		73		40-140	13		50
Nitrobenzene	71		87		40-140	20		50
NDPA/DPA	75		89		36-157	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,19 Batch: WG1250337-2 WG1250337-3								
n-Nitrosodi-n-propylamine	73		87		32-121	18		50
Bis(2-ethylhexyl)phthalate	74		84		40-140	13		50
Butyl benzyl phthalate	106		96		40-140	10		50
Di-n-butylphthalate	98		89		40-140	10		50
Di-n-octylphthalate	72		90		40-140	22		50
Diethyl phthalate	77		97		40-140	23		50
Dimethyl phthalate	55		77		40-140	33		50
Benzo(a)anthracene	72		86		40-140	18		50
Benzo(a)pyrene	73		95		40-140	26		50
Benzo(b)fluoranthene	73		90		40-140	21		50
Benzo(k)fluoranthene	72		91		40-140	23		50
Chrysene	68		80		40-140	16		50
Acenaphthylene	55		78		40-140	35		50
Anthracene	69		81		40-140	16		50
Benzo(ghi)perylene	75		77		40-140	3		50
Fluorene	73		88		40-140	19		50
Phenanthrene	66		78		40-140	17		50
Dibenzo(a,h)anthracene	74		75		40-140	1		50
Indeno(1,2,3-cd)pyrene	78		81		40-140	4		50
Pyrene	91		92		35-142	1		50
Biphenyl	**50**	Q	71		54-104	35		50
4-Chloroaniline	70		79		40-140	12		50
2-Nitroaniline	62		90		47-134	37		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,19 Batch: WG1250337-2 WG1250337-3								
3-Nitroaniline	64		75		26-129	16		50
4-Nitroaniline	77		92		41-125	18		50
Dibenzofuran	72		87		40-140	19		50
2-Methylnaphthalene	55		74		40-140	29		50
1,2,4,5-Tetrachlorobenzene	53		73		40-117	32		50
Acetophenone	66		77		14-144	15		50
2,4,6-Trichlorophenol	65		89		30-130	31		50
p-Chloro-m-cresol	73		96		26-103	27		50
2-Chlorophenol	69		78		25-102	12		50
2,4-Dichlorophenol	78		94		30-130	19		50
2,4-Dimethylphenol	83		98		30-130	17		50
2-Nitrophenol	87		96		30-130	10		50
4-Nitrophenol	75		94		11-114	22		50
2,4-Dinitrophenol	83		95		4-130	13		50
4,6-Dinitro-o-cresol	96		110		10-130	14		50
Pentachlorophenol	96		101		17-109	5		50
Phenol	69		79		26-90	14		50
2-Methylphenol	68		86		30-130.	23		50
3-Methylphenol/4-Methylphenol	72		85		30-130	17		50
2,4,5-Trichlorophenol	65		90		30-130	32		50
Benzoic Acid	41		39		10-110	5		50
Benzyl Alcohol	71		92		40-140	26		50
Carbazole	69		85		54-128	21		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 07,19 Batch: WG1250337-2 WG1250337-3								
1,4-Dioxane	47		51		40-140	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		79		25-120
Phenol-d6	68		76		10-120
Nitrobenzene-d5	80		95		23-120
2-Fluorobiphenyl	55		74		30-120
2,4,6-Tribromophenol	118		122		10-136
4-Terphenyl-d14	93		90		18-120

PCBS

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-01
Client ID: SB017(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 16:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/14/19 07:09
Analyst: KB
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/11/19 18:11
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.2	3.57	1	A
Aroclor 1221	ND		ug/kg	40.2	4.03	1	A
Aroclor 1232	ND		ug/kg	40.2	8.53	1	A
Aroclor 1242	ND		ug/kg	40.2	5.42	1	A
Aroclor 1248	ND		ug/kg	40.2	6.03	1	A
Aroclor 1254	ND		ug/kg	40.2	4.40	1	A
Aroclor 1260	ND		ug/kg	40.2	7.43	1	A
Aroclor 1262	ND		ug/kg	40.2	5.11	1	A
Aroclor 1268	ND		ug/kg	40.2	4.17	1	A
PCBs, Total	ND		ug/kg	40.2	3.57	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/14/19 07:22
Analyst: KB
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 06/11/19 18:11
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	45.4	4.03	1	A
Aroclor 1221	ND		ug/kg	45.4	4.55	1	A
Aroclor 1232	ND		ug/kg	45.4	9.63	1	A
Aroclor 1242	ND		ug/kg	45.4	6.12	1	A
Aroclor 1248	ND		ug/kg	45.4	6.82	1	A
Aroclor 1254	ND		ug/kg	45.4	4.97	1	A
Aroclor 1260	ND		ug/kg	45.4	8.40	1	A
Aroclor 1262	ND		ug/kg	45.4	5.77	1	A
Aroclor 1268	ND		ug/kg	45.4	4.71	1	A
PCBs, Total	ND		ug/kg	45.4	4.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/14/19 04:20
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 06/11/19 18:11
Cleanup Method: EPA 3665A
Cleanup Date: 06/12/19
Cleanup Method: EPA 3660B
Cleanup Date: 06/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,21 Batch: WG1247113-1						
Aroclor 1016	ND		ug/kg	31.4	2.79	A
Aroclor 1221	ND		ug/kg	31.4	3.14	A
Aroclor 1232	ND		ug/kg	31.4	6.65	A
Aroclor 1242	ND		ug/kg	31.4	4.23	A
Aroclor 1248	ND		ug/kg	31.4	4.71	A
Aroclor 1254	ND		ug/kg	31.4	3.43	A
Aroclor 1260	ND		ug/kg	31.4	5.80	A
Aroclor 1262	ND		ug/kg	31.4	3.99	A
Aroclor 1268	ND		ug/kg	31.4	3.25	A
PCBs, Total	ND		ug/kg	31.4	2.79	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,21 Batch: WG1247113-2 WG1247113-3									
Aroclor 1016	86		90		40-140	5		50	A
Aroclor 1260	74		78		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		85		30-150	A
Decachlorobiphenyl	63		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		77		30-150	B
Decachlorobiphenyl	70		73		30-150	B

PESTICIDES

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-01
Client ID: SB017(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 16:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/13/19 12:04
Analyst: BM
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 18:48
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.91	0.374	1	A
Lindane	ND		ug/kg	0.796	0.356	1	A
Alpha-BHC	ND		ug/kg	0.796	0.226	1	A
Beta-BHC	ND		ug/kg	1.91	0.724	1	A
Heptachlor	ND		ug/kg	0.955	0.428	1	A
Aldrin	ND		ug/kg	1.91	0.673	1	A
Heptachlor epoxide	ND		ug/kg	3.58	1.07	1	A
Endrin	ND		ug/kg	0.796	0.326	1	A
Endrin aldehyde	ND		ug/kg	2.39	0.836	1	A
Endrin ketone	ND		ug/kg	1.91	0.492	1	A
Dieldrin	ND		ug/kg	1.19	0.597	1	A
4,4'-DDE	ND		ug/kg	1.91	0.442	1	A
4,4'-DDD	ND		ug/kg	1.91	0.682	1	A
4,4'-DDT	ND		ug/kg	3.58	1.54	1	A
Endosulfan I	ND		ug/kg	1.91	0.451	1	A
Endosulfan II	ND		ug/kg	1.91	0.638	1	A
Endosulfan sulfate	ND		ug/kg	0.796	0.379	1	A
Methoxychlor	ND		ug/kg	3.58	1.11	1	A
Toxaphene	ND		ug/kg	35.8	10.0	1	A
cis-Chlordane	ND		ug/kg	2.39	0.666	1	A
trans-Chlordane	3.43	IP	ug/kg	2.39	0.631	1	A
Chlordane	ND		ug/kg	15.5	6.33	1	A

Project Name: 399 EXTERIOR STREET
Lab Number: L1924473
Project Number: LST1802
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-01
Client ID: SB017(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 16:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	80		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**452**	Q	30-150	A
Decachlorobiphenyl	44		30-150	A

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/13/19 12:16
Analyst: BM
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 06/10/19 18:48
Cleanup Method: EPA 3620B
Cleanup Date: 06/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.16	0.424	1	A
Lindane	ND		ug/kg	0.902	0.403	1	A
Alpha-BHC	ND		ug/kg	0.902	0.256	1	A
Beta-BHC	ND		ug/kg	2.16	0.820	1	A
Heptachlor	ND		ug/kg	1.08	0.485	1	A
Aldrin	ND		ug/kg	2.16	0.762	1	A
Heptachlor epoxide	ND		ug/kg	4.06	1.22	1	A
Endrin	ND		ug/kg	0.902	0.370	1	A
Endrin aldehyde	ND		ug/kg	2.70	0.947	1	A
Endrin ketone	ND		ug/kg	2.16	0.557	1	A
Dieldrin	ND		ug/kg	1.35	0.676	1	A
4,4'-DDE	ND		ug/kg	2.16	0.500	1	A
4,4'-DDD	ND		ug/kg	2.16	0.772	1	A
4,4'-DDT	ND		ug/kg	4.06	1.74	1	A
Endosulfan I	ND		ug/kg	2.16	0.511	1	A
Endosulfan II	ND		ug/kg	2.16	0.723	1	A
Endosulfan sulfate	ND		ug/kg	0.902	0.429	1	A
Methoxychlor	ND		ug/kg	4.06	1.26	1	A
Toxaphene	ND		ug/kg	40.6	11.4	1	A
cis-Chlordane	ND		ug/kg	2.70	0.754	1	A
trans-Chlordane	ND		ug/kg	2.70	0.714	1	A
Chlordane	ND		ug/kg	17.6	7.17	1	A

Project Name: 399 EXTERIOR STREET
Lab Number: L1924473
Project Number: LST1802
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**5680**	Q	30-150	A
Decachlorobiphenyl	33		30-150	A

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/13/19 09:47
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 06/10/19 18:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/11/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,21 Batch: WG1246652-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.183	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.775	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.872	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.678	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.969	0.484	A
4,4'-DDE	ND		ug/kg	1.55	0.358	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	2.91	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.307	A
Methoxychlor	ND		ug/kg	2.91	0.904	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.6	5.14	A

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/13/19 09:47
Analyst: BM

Extraction Method: EPA 3546
Extraction Date: 06/10/19 18:47
Cleanup Method: EPA 3620B
Cleanup Date: 06/11/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,21 Batch: WG1246652-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	135		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	78		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,21 Batch: WG1246652-2 WG1246652-3									
Delta-BHC	89		95		30-150	7		30	A
Lindane	87		92		30-150	6		30	A
Alpha-BHC	88		93		30-150	6		30	A
Beta-BHC	82		87		30-150	6		30	A
Heptachlor	73		75		30-150	3		30	A
Aldrin	76		81		30-150	6		30	A
Heptachlor epoxide	83		87		30-150	5		30	A
Endrin	86		93		30-150	8		30	A
Endrin aldehyde	58		61		30-150	5		30	A
Endrin ketone	75		80		30-150	6		30	A
Dieldrin	85		92		30-150	8		30	A
4,4'-DDE	81		88		30-150	8		30	A
4,4'-DDD	87		94		30-150	8		30	A
4,4'-DDT	88		95		30-150	8		30	A
Endosulfan I	73		78		30-150	7		30	A
Endosulfan II	81		86		30-150	6		30	A
Endosulfan sulfate	66		70		30-150	6		30	A
Methoxychlor	72		75		30-150	4		30	A
cis-Chlordane	76		80		30-150	5		30	A
trans-Chlordane	79		83		30-150	5		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,21 Batch: WG1246652-2 WG1246652-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		96		30-150	B
Decachlorobiphenyl	100		110		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		83		30-150	A
Decachlorobiphenyl	73		77		30-150	A

METALS

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-01
Client ID: SB017(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 16:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.68		mg/kg	0.479	0.100	1	06/12/19 19:13	06/13/19 22:46	EPA 3050B	1,6010D	AB
Barium, Total	66.6		mg/kg	0.479	0.083	1	06/12/19 19:13	06/13/19 22:46	EPA 3050B	1,6010D	AB
Copper, Total	21.8		mg/kg	0.479	0.124	1	06/12/19 19:13	06/13/19 22:46	EPA 3050B	1,6010D	AB
Lead, Total	227		mg/kg	2.39	0.128	1	06/12/19 19:13	06/13/19 22:46	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.088	0.057	1	06/13/19 16:44	06/13/19 19:48	EPA 7471B	1,7471B	EA

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-02
Client ID: SB003(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 08:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	46.1		mg/kg	2.26	0.121	1	06/12/19 19:13	06/13/19 22:51	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-03
Client ID: SB003(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 08:05
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	125		mg/kg	3.09	0.166	1	06/12/19 19:13	06/13/19 22:55	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-04
Client ID: SB003(12-14)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 08:10
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 60%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	19.6		mg/kg	3.12	0.168	1	06/12/19 19:13	06/13/19 22:59	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-08
Client ID: SB013(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 10:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.02		mg/kg	0.440	0.092	1	06/12/19 19:13	06/13/19 23:08	EPA 3050B	1,6010D	AB
Barium, Total	65.9		mg/kg	0.440	0.077	1	06/12/19 19:13	06/13/19 23:08	EPA 3050B	1,6010D	AB
Copper, Total	23.8		mg/kg	0.440	0.114	1	06/12/19 19:13	06/13/19 23:08	EPA 3050B	1,6010D	AB
Lead, Total	10.0		mg/kg	2.20	0.118	1	06/12/19 19:13	06/13/19 23:08	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.079	0.052	1	06/13/19 16:44	06/13/19 19:54	EPA 7471B	1,7471B	EA

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-11
Client ID: SB011(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 08:20
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	189		mg/kg	2.50	0.134	1	06/12/19 19:13	06/13/19 23:22	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-12
Client ID: SB011(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 08:25
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	487		mg/kg	2.65	0.142	1	06/12/19 19:13	06/13/19 23:26	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-13
Client ID: SB011(12-14)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 08:25
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	57.6		mg/kg	2.29	0.123	1	06/25/19 13:47	06/25/19 15:16	EPA 3050B	1,6010D	LC

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-15
Client ID: SB005(4-6)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 11:05
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	3.02		mg/kg	2.05	0.110	1	06/12/19 19:13	06/13/19 23:30	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-16
Client ID: SB006(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 11:10
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Copper, Total	38.3		mg/kg	0.413	0.106	1	06/12/19 19:13	06/13/19 23:35	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-18
Client ID: SB001(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 11:20
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	48.3		mg/kg	2.17	0.116	1	06/12/19 20:26	06/13/19 17:52	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	16.9		mg/kg	0.552	0.115	1	06/12/19 20:26	06/13/19 17:57	EPA 3050B	1,6010D	AB
Barium, Total	44.2		mg/kg	0.552	0.096	1	06/12/19 20:26	06/13/19 17:57	EPA 3050B	1,6010D	AB
Copper, Total	5470		mg/kg	5.52	1.42	10	06/12/19 20:26	06/13/19 23:02	EPA 3050B	1,6010D	AB
Lead, Total	3160		mg/kg	2.76	0.148	1	06/12/19 20:26	06/13/19 17:57	EPA 3050B	1,6010D	AB
Mercury, Total	0.428		mg/kg	0.108	0.070	1	06/13/19 16:44	06/13/19 19:56	EPA 7471B	1,7471B	EA

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-22
Client ID: SB016(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 13:10
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	22.1		mg/kg	0.709	0.147	1	06/20/19 21:06	06/24/19 13:35	EPA 3050B	1,6010D	LC
Copper, Total	16300		mg/kg	7.09	1.83	10	06/20/19 21:06	06/24/19 17:42	EPA 3050B	1,6010D	LC
Lead, Total	988		mg/kg	3.54	0.190	1	06/20/19 21:06	06/24/19 13:35	EPA 3050B	1,6010D	LC

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-23
Client ID: SB016(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Date Collected: 06/06/19 13:20
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 59%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.99		mg/kg	0.650	0.135	1	07/02/19 15:06	07/02/19 16:52	EPA 3050B	1,6010D	AB
Copper, Total	18.1		mg/kg	0.650	0.168	1	07/02/19 15:06	07/02/19 16:52	EPA 3050B	1,6010D	AB
Lead, Total	13.9		mg/kg	3.25	0.174	1	07/02/19 15:06	07/02/19 16:52	EPA 3050B	1,6010D	AB

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04,08,11-12,15-16 Batch: WG1247608-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/12/19 19:13	06/13/19 19:48	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	06/12/19 19:13	06/13/19 19:48	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	06/12/19 19:13	06/13/19 19:48	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	06/12/19 19:13	06/13/19 19:48	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 18,21 Batch: WG1247624-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/12/19 20:26	06/13/19 17:19	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	06/12/19 20:26	06/13/19 17:19	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	06/12/19 20:26	06/13/19 17:19	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	06/12/19 20:26	06/13/19 17:19	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,08,21 Batch: WG1248131-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/13/19 16:44	06/13/19 18:52	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 22 Batch: WG1251112-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/20/19 21:06	06/24/19 13:08	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	06/20/19 21:06	06/24/19 13:08	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	06/20/19 21:06	06/24/19 13:08	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13 Batch: WG1252660-1										
Lead, Total	ND		mg/kg	2.00	0.107	1	06/25/19 10:41	06/25/19 12:22	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 23 Batch: WG1255860-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/02/19 15:06	07/02/19 16:43	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	07/02/19 15:06	07/02/19 16:43	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	07/02/19 15:06	07/02/19 16:43	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,08,11-12,15-16 Batch: WG1247608-2 SRM Lot Number: D105-540								
Arsenic, Total	108		-		70-130	-		
Barium, Total	92		-		75-125	-		
Copper, Total	96		-		75-125	-		
Lead, Total	97		-		71-128	-		
Total Metals - Mansfield Lab Associated sample(s): 18,21 Batch: WG1247624-2 SRM Lot Number: D105-540								
Arsenic, Total	111		-		70-130	-		
Barium, Total	99		-		75-125	-		
Copper, Total	104		-		75-125	-		
Lead, Total	102		-		71-128	-		
Total Metals - Mansfield Lab Associated sample(s): 01,08,21 Batch: WG1248131-2 SRM Lot Number: D105-540								
Mercury, Total	88		-		60-141	-		
Total Metals - Mansfield Lab Associated sample(s): 22 Batch: WG1251112-2 SRM Lot Number: D105-540								
Arsenic, Total	110		-		70-130	-		
Copper, Total	101		-		75-125	-		
Lead, Total	102		-		71-128	-		
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG1252660-2 SRM Lot Number: D105-540								
Lead, Total	102		-		71-128	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23 Batch: WG1255860-2 SRM Lot Number: D105-540					
Arsenic, Total	103	-	70-130	-	
Copper, Total	99	-	75-125	-	
Lead, Total	91	-	71-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,08,11-12,15-16 QC Batch ID: WG1247608-3 QC Sample: L1923585-01 Client ID: MS Sample												
Arsenic, Total	2.40	10.4	13.6	107		-	-		75-125	-		20
Barium, Total	40.1	174	206	95		-	-		75-125	-		20
Copper, Total	13.8	21.7	35.3	99		-	-		75-125	-		20
Lead, Total	40.8	44.3	82.7	94		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 18,21 QC Batch ID: WG1247624-3 QC Sample: L1924561-28 Client ID: MS Sample												
Arsenic, Total	3.84	10.7	15.6	110		-	-		75-125	-		20
Barium, Total	32.1	179	207	98		-	-		75-125	-		20
Copper, Total	6.48	22.3	29.1	101		-	-		75-125	-		20
Lead, Total	7.66	45.6	51.8	97		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 01,08,21 QC Batch ID: WG1248131-3 WG1248131-4 QC Sample: L1924424-01 Client ID: MS Sample												
Mercury, Total	ND	0.172	0.176	102		0.169	99		80-120	4		20
Total Metals - Mansfield Lab Associated sample(s): 01,08,21 QC Batch ID: WG1248131-5 WG1248131-6 QC Sample: L1924424-03 Client ID: MS Sample												
Mercury, Total	ND	0.151	0.152	101		0.163	101		80-120	7		20
Total Metals - Mansfield Lab Associated sample(s): 22 QC Batch ID: WG1251112-3 QC Sample: L1925770-03 Client ID: MS Sample												
Arsenic, Total	1.90	10.7	12.6	100		-	-		75-125	-		20
Copper, Total	15.6	22.3	35.6	90		-	-		75-125	-		20
Lead, Total	12.9	45.6	51.3	84		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1252660-3 QC Sample: L1927515-01 Client ID: MS Sample												
Lead, Total	15.7	46.3	55.0	85		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1255860-3 QC Sample: L1924473-23 Client ID: SB016(10-12)									
Arsenic, Total	7.99	15.5	21.9	90	-	-	75-125	-	20
Copper, Total	18.1	32.3	42.5	75	-	-	75-125	-	20
Lead, Total	13.9	66	63.8	76	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04,08,11-12,15-16 QC Batch ID: WG1247608-4 QC Sample: L1923585-01 Client ID: DUP Sample						
Arsenic, Total	2.40	4.44	mg/kg	**60**	Q	20
Barium, Total	40.1	61.3	mg/kg	**42**	Q	20
Lead, Total	40.8	107	mg/kg	**90**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 18,21 QC Batch ID: WG1247624-4 QC Sample: L1924561-28 Client ID: DUP Sample						
Arsenic, Total	3.84	5.28	mg/kg	**32**	Q	20
Barium, Total	32.1	32.6	mg/kg	2		20
Copper, Total	6.48	7.47	mg/kg	14		20
Lead, Total	7.66	8.38	mg/kg	9		20
Total Metals - Mansfield Lab Associated sample(s): 22 QC Batch ID: WG1251112-4 QC Sample: L1925770-03 Client ID: DUP Sample						
Arsenic, Total	1.90	1.75	mg/kg	8		20
Copper, Total	15.6	16.8	mg/kg	7		20
Lead, Total	12.9	8.80	mg/kg	**38**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1252660-4 QC Sample: L1927515-01 Client ID: DUP Sample						
Lead, Total	15.7	15.1	mg/kg	4		20
Total Metals - Mansfield Lab Associated sample(s): 23 QC Batch ID: WG1255860-4 QC Sample: L1924473-23 Client ID: SB016(10-12)						
Arsenic, Total	7.99	8.35	mg/kg	4		20
Copper, Total	18.1	19.0	mg/kg	5		20
Lead, Total	13.9	13.5	mg/kg	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-01
Client ID: SB017(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 16:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-02
Client ID: SB003(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 08:00
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-03
Client ID: SB003(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 08:05
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.5		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-04
Client ID: SB003(12-14)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 08:10
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.1		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-06
Client ID: SB008(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-07
Client ID: SB008(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/06/19 13:05
Date Received: 06/07/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.8		%	0.100	NA	1	-	06/18/19 11:00	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-08
Client ID: SB013(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/06/19 10:00
Date Received: 06/07/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-11
Client ID: SB011(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 08:20
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.6		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-12
Client ID: SB011(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 08:25
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.9		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-13
Client ID: SB011(12-14)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/06/19 08:25
Date Received: 06/07/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	06/15/19 14:38	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-15
Client ID: SB005(4-6)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/06/19 11:05
Date Received: 06/07/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.2		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-16
Client ID: SB006(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/06/19 11:10
Date Received: 06/07/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.4		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-18
Client ID: SB001(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Sample Depth:
Matrix: Soil
Date Collected: 06/06/19 11:20
Date Received: 06/07/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-19
Client ID: SB001(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 11:25
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.7		%	0.100	NA	1	-	06/18/19 11:00	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802
Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-21
Client ID: SB016(6-8)
Sample Location: 399 EXTERIOR ST., BRONX, NY
Sample Depth:
Matrix: Soil

Date Collected: 06/06/19 13:00
Date Received: 06/07/19
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.4		%	0.100	NA	1	-	06/08/19 12:50	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-22
Client ID: SB016(8-10)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:10
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	55.7		%	0.100	NA	1	-	06/22/19 09:58	121,2540G	RI

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

SAMPLE RESULTS

Lab ID: L1924473-23
Client ID: SB016(10-12)
Sample Location: 399 EXTERIOR ST., BRONX, NY

Date Collected: 06/06/19 13:20
Date Received: 06/07/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	59.2		%	0.100	NA	1	-	06/26/19 08:47	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 13 QC Batch ID: WG1249040-1 QC Sample: L1924899-06 Client ID: DUP Sample						
Solids, Total	84.7	84.7	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 07,19 QC Batch ID: WG1249853-1 QC Sample: L1926023-01 Client ID: DUP Sample						
Solids, Total	90.8	91.6	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 22 QC Batch ID: WG1251831-1 QC Sample: L1927281-01 Client ID: DUP Sample						
Solids, Total	86.2	88.9	%	3		20
General Chemistry - Westborough Lab Associated sample(s): 23 QC Batch ID: WG1253167-1 QC Sample: L1924473-23 Client ID: SB016(10-12)						
Solids, Total	59.2	59.1	%	0		20

Project Name: 399 EXTERIOR STREET
Project Number: LST1802

Lab Number: L1924473
Report Date: 07/02/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1924473-01A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		AS-TI(180),BA-TI(180),CU-TI(180),PB-TI(180),HG-T(28)
L1924473-01B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1924473-02A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		PB-TI(180)
L1924473-02B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7)
L1924473-03A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		PB-TI(180)
L1924473-03B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7)
L1924473-04A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		PB-TI(180)
L1924473-04B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7)
L1924473-05A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-WETCHEM(),HOLD-METAL(180)
L1924473-06B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L1924473-07A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7),HOLD-8270(14)
L1924473-08A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		AS-TI(180),BA-TI(180),CU-TI(180),PB-TI(180),HG-T(28)
L1924473-08B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L1924473-09A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8270(14),HOLD-METAL(180)
L1924473-10A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8270(14),HOLD-METAL(180)
L1924473-11A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		PB-TI(180)
L1924473-11B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7)
L1924473-12A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		PB-TI(180)
L1924473-12B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7)
L1924473-13A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7)
L1924473-13X	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		PB-TI(180)
L1924473-14A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-8270(14),HOLD-METAL(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1924473-15A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		PB-TI(180)
L1924473-15B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L1924473-16A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		CU-TI(180)
L1924473-16B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		TS(7)
L1924473-17A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-WETCHEM(),HOLD-METAL(180)
L1924473-18A	Glass 60ml unpreserved split	A	NA		3.1	Y	Absent		PB-TI(180)
L1924473-18B	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L1924473-19A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7)
L1924473-20A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		S-EXT-8270(14),HOLD-8270(14),HOLD-METAL(180)
L1924473-21A	Vial MeOH preserved	A	NA		3.1	Y	Absent		NYTCL-8260HLW(14)
L1924473-21B	Vial water preserved	A	NA		3.1	Y	Absent	08-JUN-19 02:29	NYTCL-8260HLW(14)
L1924473-21C	Vial water preserved	A	NA		3.1	Y	Absent	08-JUN-19 02:29	NYTCL-8260HLW(14)
L1924473-21D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		AS-TI(180),BA-TI(180),CU-TI(180),PB-TI(180),HG-T(28)
L1924473-21E	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1924473-22A	Vial MeOH preserved	A	NA		3.1	Y	Absent		HOLD-8260HLW(14)
L1924473-22B	Vial water preserved	A	NA		3.1	Y	Absent	08-JUN-19 07:22	HOLD-8260HLW(14)
L1924473-22C	Vial water preserved	A	NA		3.1	Y	Absent	08-JUN-19 02:29	HOLD-8260HLW(14)
L1924473-22D	Plastic 2oz unpreserved for TS	A	NA		3.1	Y	Absent		AS-TI(180),CU-TI(180),PB-TI(180)
L1924473-22E	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-WETCHEM(),TS(7)
L1924473-23A	Glass 250ml/8oz unpreserved	A	NA		3.1	Y	Absent		HOLD-CONTINGENCY(14),AS-TI(180),TS(7),CU-TI(180),PB-TI(180)

*Values in parentheses indicate holding time in days

Project Name:	399 EXTERIOR STREET	**Lab Number:**	L1924473
Project Number:	LST1802	**Report Date:**	07/02/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	399 EXTERIOR STREET	**Lab Number:**	L1924473
Project Number:	LST1802	**Report Date:**	07/02/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	399 EXTERIOR STREET	**Lab Number:**	L1924473
Project Number:	LST1802	**Report Date:**	07/02/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 6/7/19

ALPHA Job #: L1922473

Client Information

Client: PW Grosser Consulting
Address: 630 Johnson Ave
Bohemia NY 11716
Phone: 631-589-6353
Fax:
Email: derek@pwgrosser.com

Project Information

Project Name: 399 Exterior Street
Project Location: 399 Exterior St. Bronx, NY
Project #: LST1002
(Use Project name as Project #): ☐
Project Manager: Derek Ersbak
ALPHAQuote #: 8331

Turn-Around Time

Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

These samples have been previously analyzed by Alpha: ☐

Other project specific requirements/comments:

Hold Sample

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	SVOCs (Part 375 List)	As, Ba, Cu, Pb, Hg (Part 375 List)	Pest (Part 375 List)	PCBs (Part 375 List)	Pb				Sample Specific Comments	Total Bottle
24473-01	SB01 (6-8)	6/6/19	1600	S	JC	X	X	X	X						1
-02	SB003 (8-10)		0800							X					1
-03	SB003 (10-12)		805							X					1
-04	SB003 (12-14)		810							X					1
-05	SB003 (14-16)		815							X				*Hold*	1
-06	SB008 (8-10)		1300			X									1
-07	SB008 (10-12)		1305			X								*Hold*	1
-08	SB013 (6-8)		1000			X	X								1
-09	SB013 (8-10)		1005			X	X							*Hold*	1
-10	SB013 (10-12)		1015			X	X							*Hold*	1

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab

ALPHA Job #

Client Information
Client: PW Grosser Consulting
Address: 630 Johnson Ave
Bohemia NY 11716
Phone: 631-589-6353
Fax:
Email: derek@pwgrosser.com

Project Information
Project Name: 349 Exterior Street
Project Location: 349 Exterior Street, Bronx, NY
Project # LST1802
(Use Project name as Project #) ☐
Project Manager: Derek Ersbak
ALPHAQuote #: B331

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

* = Hold Sample

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Pb	SVOCs (Part 375 List)	CU	Sample Specific Comments	Total Bottle
24473-11	SB011 (8-10)	6/6/19	820	S	SC	X				1
12	SB011 (10-12)		825	S	JC	X				1
13	SB011 (12-14)		825	S	JC	X			*Hold*	1
14	SB005 (6-8)		1100			X	X		*Hold*	1
15	SB005 (4-6)		1105			X	X			1
16	SB006 (8-10)		1110					X		1
17	SB006 (10-12)		1115					X	*Hold*	1
18	SB001 (6-8)		1120			X	X			1
19	SB001 (8-10)		1125			X	X		*Hold*	1
20	SB001 (10-12)		1130			X	X		*Hold*	1
	Container Type					A	A	A		
	Preservative					A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	6/7/19 800		
	6/7/19 15:50		6/7/19 9:51
Paul Maggella	6/7/19 2210		6/7/19 2210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

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Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 3 of 3

Date Rec'd in Lab

ALPHA Job #

Client Information

Client: PW Grosser Consulting
Address: 63 Ushman Ave
Bohemia NY 11716
Phone: 631-589-6353
Fax:
Email: derek@pwgrosser.com

Project Information

Project Name: 399 Exterior Street
Project Location: 399 Exterior Street, Bronx NY
Project #: LST1802
(Use Project name as Project #) ☐
Project Manager: Derek Ersbak
ALPHAQuote #: 0331

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

* = Hold Sample.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs (Part 375 List)	As, Ba, Cu, Pb, Hg (Part 375 List)	Pest (Part 375 List)	PCBs (Part 375 List)				Sample Specific Comments	Total Bottle
24473-21	SB016(6-8)	6/6/19	1300	S	SC	X	X	X	X	X					3
22	SB016(8-10)	↓	1314	S	↓	X								*Hold*	3
23	SB016(10-12)	↓	1320	S	↓									*Hold*	1
														~~*Hold*~~ ?	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	A	A	A	A				
Preservative		A	A	A	A				

Relinquished By:	Date/Time	Received By:	Date/Time
	6/7/19 800	Paul Grasella	6/7/19 9:50
Paul Grasella	6/7/19 15:50	Paul Grasella	6/7/19 1630
Paul Grasella	6/7/19 2210		6/7/19 2210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1929439
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Derek Ersbak
Phone:	(631) 589-6353
Project Name:	355 EXTERIOR ST.
Project Number:	LST1802 TASK 07
Report Date:	08/05/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1929439-01	SB018 (0'-3')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 09:30	07/08/19
L1929439-02	SB018 (3'-6')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 09:35	07/08/19
L1929439-03	SB018 (6'-9')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 09:40	07/08/19
L1929439-04	SB019 (0'-3')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 10:25	07/08/19
L1929439-05	SB019 (3'-6')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 10:30	07/08/19
L1929439-06	SB019 (6'-9')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 10:35	07/08/19
L1929439-07	SB020 (0'-3')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 11:00	07/08/19
L1929439-08	SB021 (0'-3')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 11:45	07/08/19
L1929439-09	SB021 (3'-6')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 11:50	07/08/19
L1929439-10	SB021 (6'-9')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 11:55	07/08/19
L1929439-11	SB022 (0'-3')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 12:45	07/08/19
L1929439-12	SB023 (0'-3')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 13:50	07/08/19
L1929439-13	SB023 (3'-6')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 13:55	07/08/19
L1929439-14	SB023 (6'-9')	SOIL	355 EXTERIOR ST., BRONX, NY	07/05/19 14:00	07/08/19

Project Name:	355 EXTERIOR ST.	**Lab Number:**	L1929439
Project Number:	LST1802 TASK 07	**Report Date:**	08/05/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	355 EXTERIOR ST.	**Lab Number:**	L1929439
Project Number:	LST1802 TASK 07	**Report Date:**	08/05/19

Case Narrative (continued)

Report Submission

August 05, 2019: This final report includes the results of all requested analyses.

July 30, 2019: This preliminary report includes the results of the Total Metals analysis performed on L1929439-06.

July 22, 2019: This preliminary report includes the results of the Semivolatile Organics analysis performed on L1929439-10.

July 19, 2019: This preliminary report includes the results of the TAL Metals analysis performed on L1929439-02, -04, -05, -08, -09, -12, and -13.

July 16, 2019: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L1929439-01, -02, -04, -05, -07, -08, -09, -11, -12, and -13: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1265731-3 MS recovery, performed on L1929439-06, is outside the acceptance criteria for lead (70%). A post digestion spike was performed and yielded an unacceptable recovery (73%). The serial dilution recovery was not acceptable; therefore, this element fails the matrix test and the result reported in the native sample should be considered estimated.

The WG1265731-4 Laboratory Duplicate RPD for lead (37%), performed on L1929439-06, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative Date: 08/05/19

ORGANICS

SEMIVOLATILES

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-01
Client ID: SB018 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 09:30
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/19 06:38
Analyst: CB
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	23	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	680		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	31	J	ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	60.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	50	J	ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-01 Date Collected: 07/05/19 09:30

Client ID: SB018 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	380		ug/kg	100	20.	1
Benzo(a)pyrene	360		ug/kg	140	43.	1
Benzo(b)fluoranthene	450		ug/kg	100	29.	1
Benzo(k)fluoranthene	170		ug/kg	100	28.	1
Chrysene	380		ug/kg	100	18.	1
Acenaphthylene	88	J	ug/kg	140	27.	1
Anthracene	98	J	ug/kg	100	34.	1
Benzo(ghi)perylene	240		ug/kg	140	20.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	350		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	57	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	140	24.	1
Pyrene	650		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	19	J	ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-01 Date Collected: 07/05/19 09:30

Client ID: SB018 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	38	J	ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	77		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-02
Client ID: SB018 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 09:35
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/19 06:11
Analyst: CB
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	94	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1200		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	170	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	120	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-02 Date Collected: 07/05/19 09:35

Client ID: SB018 (3'-6') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	480		ug/kg	110	21.	1
Benzo(a)pyrene	370		ug/kg	150	45.	1
Benzo(b)fluoranthene	520		ug/kg	110	31.	1
Benzo(k)fluoranthene	190		ug/kg	110	29.	1
Chrysene	500		ug/kg	110	19.	1
Acenaphthylene	86	J	ug/kg	150	28.	1
Anthracene	220		ug/kg	110	36.	1
Benzo(ghi)perylene	250		ug/kg	150	22.	1
Fluorene	130	J	ug/kg	180	18.	1
Phenanthrene	1100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	61	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	150	26.	1
Pyrene	1000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	110	J	ug/kg	180	17.	1
2-Methylnaphthalene	93	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-02 Date Collected: 07/05/19 09:35

Client ID: SB018 (3'-6') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	94	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		25-120
Phenol-d6	46		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	41		10-136
4-Terphenyl-d14	60		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-04
Client ID: SB019 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 10:25
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/19 07:59
Analyst: CB
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	26	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	850		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	58	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	490		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-04 Date Collected: 07/05/19 10:25

Client ID: SB019 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	620		ug/kg	110	20.	1
Benzo(a)pyrene	580		ug/kg	150	44.	1
Benzo(b)fluoranthene	700		ug/kg	110	31.	1
Benzo(k)fluoranthene	260		ug/kg	110	29.	1
Chrysene	720		ug/kg	110	19.	1
Acenaphthylene	330		ug/kg	150	28.	1
Anthracene	160		ug/kg	110	36.	1
Benzo(ghi)perylene	420		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	410		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	410		ug/kg	150	25.	1
Pyrene	910		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	24	J	ug/kg	180	17.	1
2-Methylnaphthalene	32	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-04 Date Collected: 07/05/19 10:25

Client ID: SB019 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	45	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	66		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-05
Client ID: SB019 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 10:30
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/19 08:27
Analyst: CB
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	61	J	ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	780		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	72	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	170	J	ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	54	J	ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-05 Date Collected: 07/05/19 10:30

Client ID: SB019 (3'-6') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	580		ug/kg	120	22.	1
Benzo(a)pyrene	540		ug/kg	160	48.	1
Benzo(b)fluoranthene	710		ug/kg	120	33.	1
Benzo(k)fluoranthene	260		ug/kg	120	32.	1
Chrysene	570		ug/kg	120	20.	1
Acenaphthylene	60	J	ug/kg	160	30.	1
Anthracene	140		ug/kg	120	38.	1
Benzo(ghi)perylene	330		ug/kg	160	23.	1
Fluorene	44	J	ug/kg	200	19.	1
Phenanthrene	500		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	96	J	ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	160	28.	1
Pyrene	710		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	46.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	30	J	ug/kg	200	19.	1
2-Methylnaphthalene	54	J	ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-05 Date Collected: 07/05/19 10:30

Client ID: SB019 (3'-6') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	67	J	ug/kg	200	19.	1
1,4-Dioxane	ND		ug/kg	30	9.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	51		10-136
4-Terphenyl-d14	51		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-07
Client ID: SB020 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:00
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/19 08:53
Analyst: CB
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	2100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	220		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-07 Date Collected: 07/05/19 11:00

Client ID: SB020 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1200		ug/kg	110	20.	1
Benzo(a)pyrene	1100		ug/kg	150	44.	1
Benzo(b)fluoranthene	1400		ug/kg	110	31.	1
Benzo(k)fluoranthene	450		ug/kg	110	29.	1
Chrysene	1200		ug/kg	110	19.	1
Acenaphthylene	190		ug/kg	150	28.	1
Anthracene	390		ug/kg	110	36.	1
Benzo(ghi)perylene	620		ug/kg	150	21.	1
Fluorene	150	J	ug/kg	180	18.	1
Phenanthrene	1600		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	160		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	660		ug/kg	150	25.	1
Pyrene	2000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	140	J	ug/kg	180	17.	1
2-Methylnaphthalene	120	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-07 Date Collected: 07/05/19 11:00

Client ID: SB020 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	130	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	70		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-08
Client ID: SB021 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:45
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/15/19 16:09
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	270		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	31	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-08 Date Collected: 07/05/19 11:45

Client ID: SB021 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	180		ug/kg	110	20.	1
Benzo(a)pyrene	180		ug/kg	140	44.	1
Benzo(b)fluoranthene	250		ug/kg	110	30.	1
Benzo(k)fluoranthene	72	J	ug/kg	110	29.	1
Chrysene	190		ug/kg	110	19.	1
Acenaphthylene	42	J	ug/kg	140	28.	1
Anthracene	48	J	ug/kg	110	35.	1
Benzo(ghi)perylene	130	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	150		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	32	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	140	25.	1
Pyrene	290		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	39	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-08 Date Collected: 07/05/19 11:45

Client ID: SB021 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	59		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-09
Client ID: SB021 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:50
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/15/19 01:56
Analyst: RC
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/13/19 01:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1000		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	18000	E	ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	780		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-09 Date Collected: 07/05/19 11:50

Client ID: SB021 (3'-6') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	10000	E	ug/kg	110	20.	1
Benzo(a)pyrene	8400	E	ug/kg	140	43.	1
Benzo(b)fluoranthene	9900	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	3200		ug/kg	110	28.	1
Chrysene	9100	E	ug/kg	110	18.	1
Acenaphthylene	220		ug/kg	140	28.	1
Anthracene	3600		ug/kg	110	35.	1
Benzo(ghi)perylene	5600		ug/kg	140	21.	1
Fluorene	940		ug/kg	180	17.	1
Phenanthrene	12000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1200		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	5800		ug/kg	140	25.	1
Pyrene	19000	E	ug/kg	110	18.	1
Biphenyl	130	J	ug/kg	410	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	470		ug/kg	180	17.	1
2-Methylnaphthalene	780		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-09 Date Collected: 07/05/19 11:50

Client ID: SB021 (3'-6') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	310		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	112		25-120
Phenol-d6	117		10-120
Nitrobenzene-d5	**134**	Q	23-120
2-Fluorobiphenyl	114		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	93		18-120

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-09 D
Client ID: SB021 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:50
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/15/19 12:57
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 07/13/19 01:23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	16000		ug/kg	530	100	5
Benzo(a)anthracene	9000		ug/kg	530	100	5
Benzo(a)pyrene	7200		ug/kg	710	220	5
Benzo(b)fluoranthene	9200		ug/kg	530	150	5
Chrysene	6900		ug/kg	530	93.	5
Phenanthrene	10000		ug/kg	530	110	5
Pyrene	16000		ug/kg	530	88.	5

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-10
Client ID: SB021 (6'-9')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:55
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/21/19 20:15
Analyst: RC
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/19/19 03:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	120		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-10 Date Collected: 07/05/19 11:55

Client ID: SB021 (6'-9') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	67	J	ug/kg	110	21.	1
Benzo(a)pyrene	62	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	80	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	58	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	41	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	77	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	76	J	ug/kg	150	26.	1
Pyrene	120		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-10 Date Collected: 07/05/19 11:55

Client ID: SB021 (6'-9') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	67		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-11
Client ID: SB022 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 12:45
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/19 09:47
Analyst: CB
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	100	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	1700		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	96	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	43	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-11 Date Collected: 07/05/19 12:45

Client ID: SB022 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	960		ug/kg	110	20.	1
Benzo(a)pyrene	870		ug/kg	150	45.	1
Benzo(b)fluoranthene	1100		ug/kg	110	31.	1
Benzo(k)fluoranthene	410		ug/kg	110	29.	1
Chrysene	950		ug/kg	110	19.	1
Acenaphthylene	110	J	ug/kg	150	28.	1
Anthracene	330		ug/kg	110	36.	1
Benzo(ghi)perylene	500		ug/kg	150	21.	1
Fluorene	93	J	ug/kg	180	18.	1
Phenanthrene	1100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	120		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	520		ug/kg	150	25.	1
Pyrene	1600		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	56	J	ug/kg	180	17.	1
2-Methylnaphthalene	71	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-11 Date Collected: 07/05/19 12:45

Client ID: SB022 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	100	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	63		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-12
Client ID: SB023 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 13:50
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/19 04:50
Analyst: CB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	35.	1
1,3-Dichlorobenzene	ND		ug/kg	190	34.	1
1,4-Dichlorobenzene	ND		ug/kg	190	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	78	J	ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-12 Date Collected: 07/05/19 13:50

Client ID: SB023 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	43	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	56	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	45	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	28	J	ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	39	J	ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	28	J	ug/kg	160	27.	1
Pyrene	70	J	ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-12 Date Collected: 07/05/19 13:50

Client ID: SB023 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Benzoic Acid	ND		ug/kg	630	200	1
Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1
1,4-Dioxane	ND		ug/kg	29	9.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	72		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-13
Client ID: SB023 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 13:55
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/13/19 07:06
Analyst: CB
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:09

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	19	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	490		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	30	J	ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-13 Date Collected: 07/05/19 13:55

Client ID: SB023 (3'-6') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	280		ug/kg	110	21.	1
Benzo(a)pyrene	240		ug/kg	150	45.	1
Benzo(b)fluoranthene	310		ug/kg	110	31.	1
Benzo(k)fluoranthene	98	J	ug/kg	110	30.	1
Chrysene	260		ug/kg	110	19.	1
Acenaphthylene	49	J	ug/kg	150	29.	1
Anthracene	65	J	ug/kg	110	36.	1
Benzo(ghi)perylene	170		ug/kg	150	22.	1
Fluorene	22	J	ug/kg	180	18.	1
Phenanthrene	310		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	40	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	150	26.	1
Pyrene	480		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	18	J	ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-13 Date Collected: 07/05/19 13:55

Client ID: SB023 (3'-6') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	28	J	ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	26		10-136
4-Terphenyl-d14	67		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/13/19 01:37
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/11/19 19:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05,07-08,11-13 Batch: WG1258849-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/13/19 01:37
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/11/19 19:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05,07-08,11-13 Batch: WG1258849-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/13/19 01:37
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/11/19 19:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,04-05,07-08,11-13 Batch: WG1258849-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	88		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 16:38
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 01:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1259428-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.
Hexachlorobenzene	ND		ug/kg	100	19.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
1,2-Dichlorobenzene	ND		ug/kg	170	30.
1,3-Dichlorobenzene	ND		ug/kg	170	28.
1,4-Dichlorobenzene	ND		ug/kg	170	29.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	480	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	25.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	32.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 16:38
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 01:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1259428-1					
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	32.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/19 16:38
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/13/19 01:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1259428-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	170	51.
Carbazole	ND		ug/kg	170	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	98		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	109		18-120

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/20/19 01:10
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/19/19 03:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1261865-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/20/19 01:10
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/19/19 03:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1261865-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/20/19 01:10
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 07/19/19 03:22

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1261865-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	97		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05,07-08,11-13 Batch: WG1258849-2 WG1258849-3								
Acenaphthene	80		74		31-137	8		50
1,2,4-Trichlorobenzene	77		70		38-107	10		50
Hexachlorobenzene	74		67		40-140	10		50
Bis(2-chloroethyl)ether	83		75		40-140	10		50
2-Chloronaphthalene	81		73		40-140	10		50
1,2-Dichlorobenzene	75		68		40-140	10		50
1,3-Dichlorobenzene	72		66		40-140	9		50
1,4-Dichlorobenzene	73		68		28-104	7		50
3,3'-Dichlorobenzidine	60		54		40-140	11		50
2,4-Dinitrotoluene	92		84		40-132	9		50
2,6-Dinitrotoluene	93		83		40-140	11		50
Fluoranthene	82		74		40-140	10		50
4-Chlorophenyl phenyl ether	78		71		40-140	9		50
4-Bromophenyl phenyl ether	76		67		40-140	13		50
Bis(2-chloroisopropyl)ether	80		74		40-140	8		50
Bis(2-chloroethoxy)methane	89		82		40-117	8		50
Hexachlorobutadiene	73		65		40-140	12		50
Hexachlorocyclopentadiene	81		74		40-140	9		50
Hexachloroethane	78		72		40-140	8		50
Isophorone	90		82		40-140	9		50
Naphthalene	79		72		40-140	9		50
Nitrobenzene	90		81		40-140	11		50
NDPA/DPA	83		75		36-157	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05,07-08,11-13 Batch: WG1258849-2 WG1258849-3								
n-Nitrosodi-n-propylamine	96		87		32-121	10		50
Bis(2-ethylhexyl)phthalate	96		86		40-140	11		50
Butyl benzyl phthalate	99		88		40-140	12		50
Di-n-butylphthalate	91		82		40-140	10		50
Di-n-octylphthalate	100		89		40-140	12		50
Diethyl phthalate	85		76		40-140	11		50
Dimethyl phthalate	85		77		40-140	10		50
Benzo(a)anthracene	85		77		40-140	10		50
Benzo(a)pyrene	76		69		40-140	10		50
Benzo(b)fluoranthene	79		72		40-140	9		50
Benzo(k)fluoranthene	83		74		40-140	11		50
Chrysene	80		72		40-140	11		50
Acenaphthylene	84		76		40-140	10		50
Anthracene	84		76		40-140	10		50
Benzo(ghi)perylene	81		75		40-140	8		50
Fluorene	82		74		40-140	10		50
Phenanthrene	80		72		40-140	11		50
Dibenzo(a,h)anthracene	87		80		40-140	8		50
Indeno(1,2,3-cd)pyrene	74		69		40-140	7		50
Pyrene	82		73		35-142	12		50
Biphenyl	88		79		54-104	11		50
4-Chloroaniline	67		61		40-140	9		50
2-Nitroaniline	90		81		47-134	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05,07-08,11-13 Batch: WG1258849-2 WG1258849-3								
3-Nitroaniline	61		59		26-129	3		50
4-Nitroaniline	79		70		41-125	12		50
Dibenzofuran	80		72		40-140	11		50
2-Methylnaphthalene	82		74		40-140	10		50
1,2,4,5-Tetrachlorobenzene	78		70		40-117	11		50
Acetophenone	87		80		14-144	8		50
2,4,6-Trichlorophenol	84		76		30-130	10		50
p-Chloro-m-cresol	89		80		26-103	11		50
2-Chlorophenol	82		75		25-102	9		50
2,4-Dichlorophenol	86		78		30-130	10		50
2,4-Dimethylphenol	89		81		30-130	9		50
2-Nitrophenol	90		83		30-130	8		50
4-Nitrophenol	101		91		11-114	10		50
2,4-Dinitrophenol	99		90		4-130	10		50
4,6-Dinitro-o-cresol	102		92		10-130	10		50
Pentachlorophenol	92		84		17-109	9		50
Phenol	**94**	Q	86		26-90	9		50
2-Methylphenol	88		80		30-130.	10		50
3-Methylphenol/4-Methylphenol	85		78		30-130	9		50
2,4,5-Trichlorophenol	85		76		30-130	11		50
Benzoic Acid	77		69		10-110	11		50
Benzyl Alcohol	90		82		40-140	9		50
Carbazole	82		74		54-128	10		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,04-05,07-08,11-13 Batch: WG1258849-2 WG1258849-3								
1,4-Dioxane	66		62		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	88		78		25-120
Phenol-d6	93		83		10-120
Nitrobenzene-d5	102		90		23-120
2-Fluorobiphenyl	89		79		30-120
2,4,6-Tribromophenol	84		71		10-136
4-Terphenyl-d14	91		80		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1259428-2 WG1259428-3								
Acenaphthene	58		69		31-137	17		50
1,2,4-Trichlorobenzene	55		64		38-107	15		50
Hexachlorobenzene	51		62		40-140	19		50
Bis(2-chloroethyl)ether	59		69		40-140	16		50
2-Chloronaphthalene	57		68		40-140	18		50
1,2-Dichlorobenzene	53		61		40-140	14		50
1,3-Dichlorobenzene	51		59		40-140	15		50
1,4-Dichlorobenzene	52		60		28-104	14		50
3,3'-Dichlorobenzidine	48		57		40-140	17		50
2,4-Dinitrotoluene	64		77		40-132	18		50
2,6-Dinitrotoluene	63		76		40-140	19		50
Fluoranthene	58		69		40-140	17		50
4-Chlorophenyl phenyl ether	54		65		40-140	18		50
4-Bromophenyl phenyl ether	52		63		40-140	19		50
Bis(2-chloroisopropyl)ether	58		67		40-140	14		50
Bis(2-chloroethoxy)methane	64		74		40-117	14		50
Hexachlorobutadiene	50		60		40-140	18		50
Hexachlorocyclopentadiene	49		59		40-140	19		50
Hexachloroethane	55		63		40-140	14		50
Isophorone	66		76		40-140	14		50
Naphthalene	56		67		40-140	18		50
Nitrobenzene	65		75		40-140	14		50
NDPA/DPA	59		70		36-157	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1259428-2 WG1259428-3								
n-Nitrosodi-n-propylamine	70		81		32-121	15		50
Bis(2-ethylhexyl)phthalate	66		78		40-140	17		50
Butyl benzyl phthalate	68		81		40-140	17		50
Di-n-butylphthalate	64		76		40-140	17		50
Di-n-octylphthalate	71		85		40-140	18		50
Diethyl phthalate	58		70		40-140	19		50
Dimethyl phthalate	57		69		40-140	19		50
Benzo(a)anthracene	61		74		40-140	19		50
Benzo(a)pyrene	52		64		40-140	21		50
Benzo(b)fluoranthene	57		67		40-140	16		50
Benzo(k)fluoranthene	55		68		40-140	21		50
Chrysene	55		67		40-140	20		50
Acenaphthylene	59		71		40-140	18		50
Anthracene	62		73		40-140	16		50
Benzo(ghi)perylene	56		68		40-140	19		50
Fluorene	58		70		40-140	19		50
Phenanthrene	58		69		40-140	17		50
Dibenzo(a,h)anthracene	60		73		40-140	20		50
Indeno(1,2,3-cd)pyrene	55		66		40-140	18		50
Pyrene	57		69		35-142	19		50
Biphenyl	62		74		54-104	18		50
4-Chloroaniline	55		61		40-140	10		50
2-Nitroaniline	66		79		47-134	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1259428-2 WG1259428-3								
3-Nitroaniline	54		63		26-129	15		50
4-Nitroaniline	58		70		41-125	19		50
Dibenzofuran	57		68		40-140	18		50
2-Methylnaphthalene	58		70		40-140	19		50
1,2,4,5-Tetrachlorobenzene	55		66		40-117	18		50
Acetophenone	63		73		14-144	15		50
2,4,6-Trichlorophenol	60		73		30-130	20		50
p-Chloro-m-cresol	63		75		26-103	17		50
2-Chlorophenol	60		69		25-102	14		50
2,4-Dichlorophenol	62		71		30-130	14		50
2,4-Dimethylphenol	65		76		30-130	16		50
2-Nitrophenol	65		76		30-130	16		50
4-Nitrophenol	70		83		11-114	17		50
2,4-Dinitrophenol	31		42		4-130	30		50
4,6-Dinitro-o-cresol	33		44		10-130	29		50
Pentachlorophenol	67		79		17-109	16		50
Phenol	64		75		26-90	16		50
2-Methylphenol	65		75		30-130.	14		50
3-Methylphenol/4-Methylphenol	63		74		30-130	16		50
2,4,5-Trichlorophenol	60		72		30-130	18		50
Benzoic Acid	55		67		10-110	20		50
Benzyl Alcohol	70		79		40-140	12		50
Carbazole	59		71		54-128	18		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1259428-2 WG1259428-3								
1,4-Dioxane	45		50		40-140	11		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	58		66		25-120
Phenol-d6	62		71		10-120
Nitrobenzene-d5	69		78		23-120
2-Fluorobiphenyl	57		67		30-120
2,4,6-Tribromophenol	50		60		10-136
4-Terphenyl-d14	55		65		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1261865-2 WG1261865-3								
Acenaphthene	84		81		31-137	4		50
1,2,4-Trichlorobenzene	73		76		38-107	4		50
Hexachlorobenzene	76		74		40-140	3		50
Bis(2-chloroethyl)ether	77		79		40-140	3		50
2-Chloronaphthalene	81		82		40-140	1		50
1,2-Dichlorobenzene	73		74		40-140	1		50
1,3-Dichlorobenzene	73		76		40-140	4		50
1,4-Dichlorobenzene	72		73		28-104	1		50
3,3'-Dichlorobenzidine	59		58		40-140	2		50
2,4-Dinitrotoluene	88		85		40-132	3		50
2,6-Dinitrotoluene	85		87		40-140	2		50
Fluoranthene	85		86		40-140	1		50
4-Chlorophenyl phenyl ether	83		80		40-140	4		50
4-Bromophenyl phenyl ether	81		81		40-140	0		50
Bis(2-chloroisopropyl)ether	79		81		40-140	3		50
Bis(2-chloroethoxy)methane	80		84		40-117	5		50
Hexachlorobutadiene	72		71		40-140	1		50
Hexachlorocyclopentadiene	79		80		40-140	1		50
Hexachloroethane	73		74		40-140	1		50
Isophorone	83		84		40-140	1		50
Naphthalene	79		80		40-140	1		50
Nitrobenzene	81		83		40-140	2		50
NDPA/DPA	87		84		36-157	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1261865-2 WG1261865-3								
n-Nitrosodi-n-propylamine	86		87		32-121	1		50
Bis(2-ethylhexyl)phthalate	102		103		40-140	1		50
Butyl benzyl phthalate	90		91		40-140	1		50
Di-n-butylphthalate	93		93		40-140	0		50
Di-n-octylphthalate	100		101		40-140	1		50
Diethyl phthalate	87		86		40-140	1		50
Dimethyl phthalate	81		82		40-140	1		50
Benzo(a)anthracene	88		89		40-140	1		50
Benzo(a)pyrene	81		82		40-140	1		50
Benzo(b)fluoranthene	84		85		40-140	1		50
Benzo(k)fluoranthene	86		85		40-140	1		50
Chrysene	86		87		40-140	1		50
Acenaphthylene	84		86		40-140	2		50
Anthracene	86		88		40-140	2		50
Benzo(ghi)perylene	85		84		40-140	1		50
Fluorene	85		85		40-140	0		50
Phenanthrene	83		84		40-140	1		50
Dibenzo(a,h)anthracene	85		86		40-140	1		50
Indeno(1,2,3-cd)pyrene	84		83		40-140	1		50
Pyrene	85		86		35-142	1		50
Biphenyl	85		87		54-104	2		50
4-Chloroaniline	66		65		40-140	2		50
2-Nitroaniline	88		90		47-134	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1261865-2 WG1261865-3								
3-Nitroaniline	73		70		26-129	4		50
4-Nitroaniline	93		90		41-125	3		50
Dibenzofuran	83		83		40-140	0		50
2-Methylnaphthalene	83		84		40-140	1		50
1,2,4,5-Tetrachlorobenzene	79		79		40-117	0		50
Acetophenone	88		89		14-144	1		50
2,4,6-Trichlorophenol	85		85		30-130	0		50
p-Chloro-m-cresol	92		93		26-103	1		50
2-Chlorophenol	82		85		25-102	4		50
2,4-Dichlorophenol	88		89		30-130	1		50
2,4-Dimethylphenol	89		90		30-130	1		50
2-Nitrophenol	82		83		30-130	1		50
4-Nitrophenol	105		106		11-114	1		50
2,4-Dinitrophenol	78		80		4-130	3		50
4,6-Dinitro-o-cresol	93		94		10-130	1		50
Pentachlorophenol	81		84		17-109	4		50
Phenol	86		89		26-90	3		50
2-Methylphenol	89		89		30-130.	0		50
3-Methylphenol/4-Methylphenol	89		90		30-130	1		50
2,4,5-Trichlorophenol	88		90		30-130	2		50
Benzoic Acid	78		79		10-110	1		50
Benzyl Alcohol	85		88		40-140	3		50
Carbazole	89		89		54-128	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1261865-2 WG1261865-3								
1,4-Dioxane	55		54		40-140	2		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	80		83		25-120
Phenol-d6	83		85		10-120
Nitrobenzene-d5	80		84		23-120
2-Fluorobiphenyl	78		80		30-120
2,4,6-Tribromophenol	75		74		10-136
4-Terphenyl-d14	82		82		18-120

PCBS

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-01
Client ID: SB018 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 09:30
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/13/19 00:12
Analyst: WR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:52
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.37	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.21	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.42	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	4.40	J	ug/kg	34.7	3.60	1	A
PCBs, Total	4.40	J	ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-07
Client ID: SB020 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:00
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/13/19 00:28
Analyst: WR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:52
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.18	1	A
Aroclor 1221	ND		ug/kg	35.9	3.59	1	A
Aroclor 1232	ND		ug/kg	35.9	7.60	1	A
Aroclor 1242	ND		ug/kg	35.9	4.84	1	A
Aroclor 1248	ND		ug/kg	35.9	5.38	1	A
Aroclor 1254	58.5	P	ug/kg	35.9	3.92	1	A
Aroclor 1260	16.1	J	ug/kg	35.9	6.63	1	B
Aroclor 1262	ND		ug/kg	35.9	4.56	1	A
Aroclor 1268	7.25	J	ug/kg	35.9	3.72	1	A
PCBs, Total	81.9	J	ug/kg	35.9	3.18	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	46		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-11
Client ID: SB022 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 12:45
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/13/19 00:40
Analyst: WR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:52
Cleanup Method: EPA 3665A
Cleanup Date: 07/12/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	3.18	1	A
Aroclor 1221	ND		ug/kg	35.8	3.59	1	A
Aroclor 1232	ND		ug/kg	35.8	7.60	1	A
Aroclor 1242	ND		ug/kg	35.8	4.83	1	A
Aroclor 1248	ND		ug/kg	35.8	5.38	1	A
Aroclor 1254	40.8	P	ug/kg	35.8	3.92	1	A
Aroclor 1260	19.4	J	ug/kg	35.8	6.62	1	A
Aroclor 1262	ND		ug/kg	35.8	4.55	1	A
Aroclor 1268	6.98	J	ug/kg	35.8	3.71	1	A
PCBs, Total	67.2	J	ug/kg	35.8	3.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/12/19 01:22
Analyst: HT

Extraction Method: EPA 3546
Extraction Date: 07/11/19 10:09
Cleanup Method: EPA 3665A
Cleanup Date: 07/11/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,07,11 Batch: WG1258585-1						
Aroclor 1016	ND		ug/kg	31.9	2.84	A
Aroclor 1221	ND		ug/kg	31.9	3.20	A
Aroclor 1232	ND		ug/kg	31.9	6.77	A
Aroclor 1242	ND		ug/kg	31.9	4.30	A
Aroclor 1248	ND		ug/kg	31.9	4.79	A
Aroclor 1254	ND		ug/kg	31.9	3.49	A
Aroclor 1260	ND		ug/kg	31.9	5.90	A
Aroclor 1262	ND		ug/kg	31.9	4.05	A
Aroclor 1268	ND		ug/kg	31.9	3.31	A
PCBs, Total	ND		ug/kg	31.9	2.84	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	68		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,07,11 Batch: WG1258585-2 WG1258585-3									
Aroclor 1016	75		72		40-140	4		50	A
Aroclor 1260	66		64		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		72		30-150	A
Decachlorobiphenyl	74		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		71		30-150	B
Decachlorobiphenyl	78		75		30-150	B

PESTICIDES

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-01
Client ID: SB018 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 09:30
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/19 12:39
Analyst: BM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:56
Cleanup Method: EPA 3620B
Cleanup Date: 07/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	1.77		ug/kg	1.04	0.520	1	B
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	1.95		ug/kg	1.66	0.593	1	B
4,4'-DDT	3.05	J	ug/kg	3.12	1.34	1	B
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	0.699	J	ug/kg	2.08	0.579	1	A
trans-Chlordane	ND	IP	ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.5	5.51	1	A

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-01 Date Collected: 07/05/19 09:30

Client ID: SB018 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	80		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	79		30-150	A

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-07
Client ID: SB020 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:00
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/16/19 19:23
Analyst: KEG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:56
Cleanup Method: EPA 3620B
Cleanup Date: 07/12/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.77	0.347	1	A
Lindane	ND		ug/kg	0.738	0.330	1	A
Alpha-BHC	ND		ug/kg	0.738	0.210	1	A
Beta-BHC	ND		ug/kg	1.77	0.671	1	A
Heptachlor	ND		ug/kg	0.885	0.397	1	A
Aldrin	ND		ug/kg	1.77	0.623	1	A
Heptachlor epoxide	ND		ug/kg	3.32	0.996	1	A
Endrin	ND		ug/kg	0.738	0.302	1	A
Endrin aldehyde	ND		ug/kg	2.21	0.774	1	A
Endrin ketone	ND		ug/kg	1.77	0.456	1	A
Dieldrin	ND		ug/kg	1.11	0.553	1	A
4,4'-DDE	3.18	IP	ug/kg	1.77	0.409	1	B
4,4'-DDD	4.78		ug/kg	1.77	0.631	1	A
4,4'-DDT	ND		ug/kg	3.32	1.42	1	A
Endosulfan I	ND		ug/kg	1.77	0.418	1	A
Endosulfan II	ND		ug/kg	1.77	0.592	1	A
Endosulfan sulfate	ND		ug/kg	0.738	0.351	1	A
Methoxychlor	ND		ug/kg	3.32	1.03	1	A
Toxaphene	ND		ug/kg	33.2	9.29	1	A
cis-Chlordane	1.08	J	ug/kg	2.21	0.617	1	B
trans-Chlordane	ND		ug/kg	2.21	0.584	1	A
Chlordane	ND		ug/kg	14.4	5.86	1	A

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-07 Date Collected: 07/05/19 11:00

Client ID: SB020 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	**161**	Q	30-150	B
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	102		30-150	A

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-11
Client ID: SB022 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 12:45
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/13/19 13:05
Analyst: BM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 07/11/19 21:56
Cleanup Method: EPA 3620B
Cleanup Date: 07/12/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.642	1	A
Heptachlor	ND		ug/kg	0.846	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.596	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.952	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.436	1	A
Dieldrin	1.72	IP	ug/kg	1.06	0.529	1	A
4,4'-DDE	2.28	P	ug/kg	1.69	0.391	1	A
4,4'-DDD	2.31		ug/kg	1.69	0.604	1	B
4,4'-DDT	7.40	IP	ug/kg	3.17	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	0.568	JIP	ug/kg	1.69	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.336	1	A
Methoxychlor	ND		ug/kg	3.17	0.987	1	A
Toxaphene	ND		ug/kg	31.7	8.88	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.558	1	A
Chlordane	ND		ug/kg	13.8	5.61	1	A

Project Name: 355 EXTERIOR ST. **Lab Number:** L1929439

Project Number: LST1802 TASK 07 **Report Date:** 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-11 Date Collected: 07/05/19 12:45

Client ID: SB022 (0'-3') Date Received: 07/08/19

Sample Location: 355 EXTERIOR ST., BRONX, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/19 15:13
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 07/11/19 09:05
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,11 Batch: WG1258538-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	2.91	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.905	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.6	5.14	A

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/11/19 15:13
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 07/11/19 09:05
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,11 Batch: WG1258538-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	57		30-150	A

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/16/19 18:07
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 07/11/19 09:05
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07 Batch: WG1260633-1						
Delta-BHC	ND		ug/kg	1.55	0.304	A
Lindane	ND		ug/kg	0.646	0.289	A
Alpha-BHC	ND		ug/kg	0.646	0.184	A
Beta-BHC	ND		ug/kg	1.55	0.588	A
Heptachlor	ND		ug/kg	0.776	0.348	A
Aldrin	ND		ug/kg	1.55	0.546	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	A
Endrin	ND		ug/kg	0.646	0.265	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	A
Endrin ketone	ND		ug/kg	1.55	0.399	A
Dieldrin	ND		ug/kg	0.970	0.485	A
4,4'-DDE	ND		ug/kg	1.55	0.359	A
4,4'-DDD	ND		ug/kg	1.55	0.553	A
4,4'-DDT	ND		ug/kg	2.91	1.25	A
Endosulfan I	ND		ug/kg	1.55	0.366	A
Endosulfan II	ND		ug/kg	1.55	0.518	A
Endosulfan sulfate	ND		ug/kg	0.646	0.308	A
Methoxychlor	ND		ug/kg	2.91	0.905	A
Toxaphene	ND		ug/kg	29.1	8.14	A
cis-Chlordane	ND		ug/kg	1.94	0.540	A
trans-Chlordane	ND		ug/kg	1.94	0.512	A
Chlordane	ND		ug/kg	12.6	5.14	A

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/16/19 18:07
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 07/11/19 09:05
Cleanup Method: EPA 3620B
Cleanup Date: 07/11/19
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 07 Batch: WG1260633-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	66		30-150	B
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	44		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,11 Batch: WG1258538-2 WG1258538-3									
Delta-BHC	74		85		30-150	14		30	A
Lindane	74		84		30-150	13		30	A
Alpha-BHC	78		89		30-150	13		30	A
Beta-BHC	66		75		30-150	13		30	A
Heptachlor	65		75		30-150	14		30	A
Aldrin	73		83		30-150	13		30	A
Heptachlor epoxide	74		84		30-150	13		30	A
Endrin	76		88		30-150	15		30	A
Endrin aldehyde	50		57		30-150	13		30	A
Endrin ketone	54		64		30-150	17		30	A
Dieldrin	73		85		30-150	15		30	A
4,4'-DDE	72		81		30-150	12		30	A
4,4'-DDD	63		75		30-150	17		30	A
4,4'-DDT	65		75		30-150	14		30	A
Endosulfan I	65		75		30-150	14		30	A
Endosulfan II	65		74		30-150	13		30	A
Endosulfan sulfate	44		48		30-150	9		30	A
Methoxychlor	56		65		30-150	15		30	A
cis-Chlordane	66		73		30-150	10		30	A
trans-Chlordane	65		74		30-150	13		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,11 Batch: WG1258538-2 WG1258538-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		83		30-150	B
Decachlorobiphenyl	77		89		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		82		30-150	A
Decachlorobiphenyl	81		95		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07 Batch: WG1260633-2 WG1260633-3									
Delta-BHC	73		90		30-150	21		30	A
Lindane	77		94		30-150	20		30	A
Alpha-BHC	80		93		30-150	15		30	A
Beta-BHC	75		88		30-150	16		30	A
Heptachlor	69		80		30-150	15		30	A
Aldrin	69		82		30-150	17		30	A
Heptachlor epoxide	36		84		30-150	**80**	Q	30	A
Endrin	73		87		30-150	18		30	A
Endrin aldehyde	49		58		30-150	17		30	A
Endrin ketone	55		70		30-150	24		30	A
Dieldrin	71		87		30-150	20		30	A
4,4'-DDE	66		83		30-150	23		30	A
4,4'-DDD	71		87		30-150	20		30	A
4,4'-DDT	66		84		30-150	24		30	A
Endosulfan I	62		76		30-150	20		30	A
Endosulfan II	61		80		30-150	27		30	A
Endosulfan sulfate	30		52		30-150	**54**	Q	30	A
Methoxychlor	56		71		30-150	24		30	A
cis-Chlordane	66		78		30-150	17		30	A
trans-Chlordane	70		80		30-150	13		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 07 Batch: WG1260633-2 WG1260633-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		89		30-150	B
Decachlorobiphenyl	105		104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		84		30-150	A
Decachlorobiphenyl	69		75		30-150	A

METALS

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-01
Client ID: SB018 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 09:30
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10700		mg/kg	8.47	2.29	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.23	0.322	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Arsenic, Total	1.77		mg/kg	0.847	0.176	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Barium, Total	86.7		mg/kg	0.847	0.147	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Beryllium, Total	0.279	J	mg/kg	0.423	0.028	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.847	0.083	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Calcium, Total	1920		mg/kg	8.47	2.96	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Chromium, Total	24.3		mg/kg	0.847	0.081	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Cobalt, Total	9.65		mg/kg	1.69	0.140	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Copper, Total	28.9		mg/kg	0.847	0.218	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Iron, Total	19200		mg/kg	4.23	0.765	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Lead, Total	23.9		mg/kg	4.23	0.227	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Magnesium, Total	3580		mg/kg	8.47	1.30	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Manganese, Total	191		mg/kg	0.847	0.135	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Mercury, Total	0.078		mg/kg	0.067	0.044	1	07/11/19 07:30	07/11/19 12:12	EPA 7471B	1,7471B	GD
Nickel, Total	13.5		mg/kg	2.12	0.205	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Potassium, Total	4310		mg/kg	212	12.2	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.69	0.218	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.847	0.240	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Sodium, Total	228		mg/kg	169	2.67	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.69	0.267	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Vanadium, Total	34.8		mg/kg	0.847	0.172	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC
Zinc, Total	65.0		mg/kg	4.23	0.248	2	07/11/19 21:54	07/12/19 23:02	EPA 3050B	1,6010D	LC

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-02
Client ID: SB018 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 09:35
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4880		mg/kg	8.88	2.40	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Antimony, Total	0.835	J	mg/kg	4.44	0.338	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Arsenic, Total	5.94		mg/kg	0.888	0.185	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Barium, Total	83.4		mg/kg	0.888	0.155	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Beryllium, Total	0.231	J	mg/kg	0.444	0.029	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Cadmium, Total	0.240	J	mg/kg	0.888	0.087	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Calcium, Total	14500		mg/kg	8.88	3.11	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Chromium, Total	13.4		mg/kg	0.888	0.085	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Cobalt, Total	5.81		mg/kg	1.78	0.148	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Copper, Total	44.6		mg/kg	0.888	0.229	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Iron, Total	12200		mg/kg	4.44	0.802	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Lead, Total	190		mg/kg	4.44	0.238	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Magnesium, Total	6740		mg/kg	8.88	1.37	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Manganese, Total	209		mg/kg	0.888	0.141	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Mercury, Total	0.530		mg/kg	0.070	0.046	1	07/17/19 05:20	07/17/19 11:07	EPA 7471B	1,7471B	GD
Nickel, Total	13.1		mg/kg	2.22	0.215	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Potassium, Total	1040		mg/kg	222	12.8	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Selenium, Total	0.640	J	mg/kg	1.78	0.229	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.888	0.251	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Sodium, Total	201		mg/kg	178	2.80	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.78	0.280	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Vanadium, Total	17.4		mg/kg	0.888	0.180	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB
Zinc, Total	160		mg/kg	4.44	0.260	2	07/16/19 21:55	07/18/19 21:58	EPA 3050B	1,6010D	AB

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-04
Client ID: SB019 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 10:25
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10700		mg/kg	8.72	2.35	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Antimony, Total	1.46	J	mg/kg	4.36	0.331	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Arsenic, Total	4.92		mg/kg	0.872	0.181	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Barium, Total	185		mg/kg	0.872	0.152	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Beryllium, Total	0.410	J	mg/kg	0.436	0.029	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Cadmium, Total	0.837	J	mg/kg	0.872	0.085	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Calcium, Total	6400		mg/kg	8.72	3.05	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Chromium, Total	24.9		mg/kg	0.872	0.084	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Cobalt, Total	9.68		mg/kg	1.74	0.145	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Copper, Total	81.7		mg/kg	0.872	0.225	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Iron, Total	19800		mg/kg	4.36	0.787	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Lead, Total	182		mg/kg	4.36	0.234	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Magnesium, Total	3710		mg/kg	8.72	1.34	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Manganese, Total	234		mg/kg	0.872	0.138	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Mercury, Total	0.826		mg/kg	0.071	0.047	1	07/17/19 05:20	07/17/19 11:08	EPA 7471B	1,7471B	GD
Nickel, Total	22.4		mg/kg	2.18	0.211	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Potassium, Total	3220		mg/kg	218	12.6	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Selenium, Total	0.296	J	mg/kg	1.74	0.225	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.872	0.247	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Sodium, Total	150	J	mg/kg	174	2.74	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.74	0.274	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Vanadium, Total	49.1		mg/kg	0.872	0.177	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB
Zinc, Total	375		mg/kg	4.36	0.255	2	07/16/19 21:55	07/18/19 22:02	EPA 3050B	1,6010D	AB

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-05
Client ID: SB019 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 10:30
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6900		mg/kg	9.57	2.58	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Antimony, Total	9.27		mg/kg	4.79	0.364	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Arsenic, Total	21.3		mg/kg	0.957	0.199	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Barium, Total	275		mg/kg	0.957	0.166	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Beryllium, Total	0.373	J	mg/kg	0.479	0.032	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Cadmium, Total	3.40		mg/kg	0.957	0.094	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Calcium, Total	15100		mg/kg	9.57	3.35	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Chromium, Total	49.1		mg/kg	0.957	0.092	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Cobalt, Total	7.63		mg/kg	1.91	0.159	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Copper, Total	183		mg/kg	0.957	0.247	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Iron, Total	28200		mg/kg	4.79	0.864	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Lead, Total	1060		mg/kg	4.79	0.256	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Magnesium, Total	4060		mg/kg	9.57	1.47	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Manganese, Total	236		mg/kg	0.957	0.152	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Mercury, Total	0.784		mg/kg	0.077	0.050	1	07/17/19 05:20	07/17/19 11:10	EPA 7471B	1,7471B	GD
Nickel, Total	43.1		mg/kg	2.39	0.232	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Potassium, Total	1280		mg/kg	239	13.8	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Selenium, Total	1.77	J	mg/kg	1.91	0.247	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Silver, Total	0.680	J	mg/kg	0.957	0.271	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Sodium, Total	334		mg/kg	191	3.02	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.91	0.302	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Vanadium, Total	82.2		mg/kg	0.957	0.194	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB
Zinc, Total	1250		mg/kg	4.79	0.280	2	07/16/19 21:55	07/18/19 22:06	EPA 3050B	1,6010D	AB

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-06
Client ID: SB019 (6'-9')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 10:35
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.01		mg/kg	0.474	0.099	1	07/29/19 10:30	07/29/19 12:28	EPA 3050B	1,6010D	PS
Lead, Total	71.8		mg/kg	2.37	0.127	1	07/29/19 10:30	07/29/19 12:28	EPA 3050B	1,6010D	PS

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-07
Client ID: SB020 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 11:00
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7440		mg/kg	8.80	2.38	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Antimony, Total	5.49		mg/kg	4.40	0.334	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Arsenic, Total	10.2		mg/kg	0.880	0.183	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Barium, Total	217		mg/kg	0.880	0.153	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Beryllium, Total	0.290	J	mg/kg	0.440	0.029	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Cadmium, Total	0.932		mg/kg	0.880	0.086	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Calcium, Total	11400		mg/kg	8.80	3.08	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Chromium, Total	25.4		mg/kg	0.880	0.084	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Cobalt, Total	11.0		mg/kg	1.76	0.146	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Copper, Total	133		mg/kg	0.880	0.227	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Iron, Total	39000		mg/kg	4.40	0.794	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Lead, Total	389		mg/kg	4.40	0.236	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Magnesium, Total	4350		mg/kg	8.80	1.35	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Manganese, Total	385		mg/kg	0.880	0.140	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Mercury, Total	0.924		mg/kg	0.071	0.046	1	07/11/19 07:30	07/11/19 12:18	EPA 7471B	1,7471B	GD
Nickel, Total	23.9		mg/kg	2.20	0.213	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Potassium, Total	2090		mg/kg	220	12.7	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.76	0.227	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Silver, Total	0.352	J	mg/kg	0.880	0.249	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Sodium, Total	288		mg/kg	176	2.77	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.76	0.277	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Vanadium, Total	30.0		mg/kg	0.880	0.178	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC
Zinc, Total	360		mg/kg	4.40	0.258	2	07/11/19 21:54	07/12/19 23:06	EPA 3050B	1,6010D	LC

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-08
Client ID: SB021 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 11:45
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11400		mg/kg	8.29	2.24	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.14	0.315	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Arsenic, Total	2.84		mg/kg	0.829	0.172	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Barium, Total	83.4		mg/kg	0.829	0.144	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Beryllium, Total	0.315	J	mg/kg	0.414	0.027	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Cadmium, Total	0.091	J	mg/kg	0.829	0.081	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Calcium, Total	2790		mg/kg	8.29	2.90	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Chromium, Total	24.3		mg/kg	0.829	0.080	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Cobalt, Total	12.1		mg/kg	1.66	0.138	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Copper, Total	28.2		mg/kg	0.829	0.214	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Iron, Total	20800		mg/kg	4.14	0.748	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Lead, Total	32.7		mg/kg	4.14	0.222	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Magnesium, Total	3820		mg/kg	8.29	1.28	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Manganese, Total	747		mg/kg	0.829	0.132	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.070	0.045	1	07/17/19 05:20	07/17/19 11:12	EPA 7471B	1,7471B	GD
Nickel, Total	15.5		mg/kg	2.07	0.200	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Potassium, Total	5110		mg/kg	207	11.9	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.66	0.214	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.829	0.234	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Sodium, Total	249		mg/kg	166	2.61	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.66	0.261	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Vanadium, Total	33.4		mg/kg	0.829	0.168	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB
Zinc, Total	83.2		mg/kg	4.14	0.243	2	07/16/19 21:55	07/18/19 22:10	EPA 3050B	1,6010D	AB

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-09
Client ID: SB021 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 11:50
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8250		mg/kg	8.46	2.28	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Antimony, Total	1.18	J	mg/kg	4.23	0.321	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Arsenic, Total	7.84		mg/kg	0.846	0.176	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Barium, Total	121		mg/kg	0.846	0.147	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Beryllium, Total	0.288	J	mg/kg	0.423	0.028	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Cadmium, Total	0.524	J	mg/kg	0.846	0.083	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Calcium, Total	11300		mg/kg	8.46	2.96	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Chromium, Total	16.0		mg/kg	0.846	0.081	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Cobalt, Total	8.08		mg/kg	1.69	0.140	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Copper, Total	189		mg/kg	0.846	0.218	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Iron, Total	26300		mg/kg	4.23	0.764	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Lead, Total	145		mg/kg	4.23	0.227	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Magnesium, Total	3480		mg/kg	8.46	1.30	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Manganese, Total	278		mg/kg	0.846	0.134	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Mercury, Total	0.143		mg/kg	0.069	0.045	1	07/17/19 05:20	07/17/19 11:14	EPA 7471B	1,7471B	GD
Nickel, Total	26.1		mg/kg	2.11	0.205	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Potassium, Total	1960		mg/kg	211	12.2	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Selenium, Total	0.364	J	mg/kg	1.69	0.218	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Silver, Total	0.651	J	mg/kg	0.846	0.239	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Sodium, Total	320		mg/kg	169	2.66	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.69	0.266	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Vanadium, Total	20.5		mg/kg	0.846	0.172	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB
Zinc, Total	207		mg/kg	4.23	0.248	2	07/16/19 21:55	07/18/19 22:15	EPA 3050B	1,6010D	AB

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-11
Client ID: SB022 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 12:45
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5680		mg/kg	8.47	2.29	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Antimony, Total	4.29		mg/kg	4.23	0.322	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Arsenic, Total	7.99		mg/kg	0.847	0.176	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Barium, Total	300		mg/kg	0.847	0.147	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Beryllium, Total	0.220	J	mg/kg	0.423	0.028	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Cadmium, Total	0.881		mg/kg	0.847	0.083	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Calcium, Total	9490		mg/kg	8.47	2.96	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Chromium, Total	13.3		mg/kg	0.847	0.081	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Cobalt, Total	6.76		mg/kg	1.69	0.140	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Copper, Total	137		mg/kg	0.847	0.218	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Iron, Total	24100		mg/kg	4.23	0.765	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Lead, Total	240		mg/kg	4.23	0.227	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Magnesium, Total	4450		mg/kg	8.47	1.30	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Manganese, Total	279		mg/kg	0.847	0.135	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Mercury, Total	0.341		mg/kg	0.070	0.046	1	07/11/19 07:30	07/11/19 12:20	EPA 7471B	1,7471B	GD
Nickel, Total	13.7		mg/kg	2.12	0.205	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Potassium, Total	1120		mg/kg	212	12.2	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.69	0.218	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.847	0.240	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Sodium, Total	120	J	mg/kg	169	2.67	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.69	0.267	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Vanadium, Total	24.9		mg/kg	0.847	0.172	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC
Zinc, Total	285		mg/kg	4.23	0.248	2	07/11/19 21:54	07/12/19 23:11	EPA 3050B	1,6010D	LC

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-12
Client ID: SB023 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 13:50
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7720		mg/kg	9.08	2.45	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Antimony, Total	9.20		mg/kg	4.54	0.345	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Arsenic, Total	2.67		mg/kg	0.908	0.189	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Barium, Total	54.0		mg/kg	0.908	0.158	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Beryllium, Total	0.309	J	mg/kg	0.454	0.030	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.908	0.089	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Calcium, Total	14300		mg/kg	9.08	3.18	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Chromium, Total	15.3		mg/kg	0.908	0.087	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Cobalt, Total	7.14		mg/kg	1.82	0.151	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Copper, Total	17.4		mg/kg	0.908	0.234	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Iron, Total	12600		mg/kg	4.54	0.820	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Lead, Total	317		mg/kg	4.54	0.243	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Magnesium, Total	4600		mg/kg	9.08	1.40	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Manganese, Total	233		mg/kg	0.908	0.144	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Mercury, Total	0.247		mg/kg	0.075	0.049	1	07/17/19 05:20	07/17/19 11:16	EPA 7471B	1,7471B	GD
Nickel, Total	11.7		mg/kg	2.27	0.220	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Potassium, Total	2530		mg/kg	227	13.1	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.82	0.234	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.908	0.257	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Sodium, Total	109	J	mg/kg	182	2.86	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.82	0.286	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Vanadium, Total	19.5		mg/kg	0.908	0.184	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB
Zinc, Total	49.1		mg/kg	4.54	0.266	2	07/16/19 21:55	07/18/19 22:19	EPA 3050B	1,6010D	AB

Project Name: 355 EXTERIOR ST.
Lab Number: L1929439
Project Number: LST1802 TASK 07
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-13
Client ID: SB023 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY
Date Collected: 07/05/19 13:55
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11600		mg/kg	8.46	2.28	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Antimony, Total	ND		mg/kg	4.23	0.322	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Arsenic, Total	2.38		mg/kg	0.846	0.176	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Barium, Total	113		mg/kg	0.846	0.147	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Beryllium, Total	0.558		mg/kg	0.423	0.028	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.846	0.083	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Calcium, Total	2440		mg/kg	8.46	2.96	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Chromium, Total	21.9		mg/kg	0.846	0.081	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Cobalt, Total	13.1		mg/kg	1.69	0.140	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Copper, Total	28.0		mg/kg	0.846	0.218	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Iron, Total	18100		mg/kg	4.23	0.764	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Lead, Total	66.3		mg/kg	4.23	0.227	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Magnesium, Total	5410		mg/kg	8.46	1.30	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Manganese, Total	213		mg/kg	0.846	0.134	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Mercury, Total	ND		mg/kg	0.071	0.046	1	07/17/19 05:20	07/17/19 11:18	EPA 7471B	1,7471B	GD
Nickel, Total	24.1		mg/kg	2.12	0.205	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Potassium, Total	5520		mg/kg	212	12.2	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Selenium, Total	ND		mg/kg	1.69	0.218	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Silver, Total	ND		mg/kg	0.846	0.239	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Sodium, Total	142	J	mg/kg	169	2.66	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Thallium, Total	ND		mg/kg	1.69	0.266	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Vanadium, Total	32.8		mg/kg	0.846	0.172	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB
Zinc, Total	75.1		mg/kg	4.23	0.248	2	07/16/19 21:55	07/18/19 22:37	EPA 3050B	1,6010D	AB

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,07,11 Batch: WG1258441-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/11/19 07:30	07/11/19 11:57	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,07,11 Batch: WG1258800-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Iron, Total	ND		mg/kg	2.00	0.361	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Sodium, Total	5.67	J	mg/kg	80.0	1.26	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/11/19 21:54	07/12/19 20:54	1,6010D	LC

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04-05,08-09,12-13 Batch: WG1260620-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Antimony, Total	ND		mg/kg	2.00	0.152	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Barium, Total	ND		mg/kg	0.400	0.070	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Beryllium, Total	ND		mg/kg	0.200	0.013	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Cadmium, Total	ND		mg/kg	0.400	0.039	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Calcium, Total	ND		mg/kg	4.00	1.40	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Chromium, Total	ND		mg/kg	0.400	0.038	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Cobalt, Total	ND		mg/kg	0.800	0.066	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Copper, Total	ND		mg/kg	0.400	0.103	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Iron, Total	ND		mg/kg	2.00	0.361	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Lead, Total	ND		mg/kg	2.00	0.107	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Magnesium, Total	ND		mg/kg	4.00	0.616	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Manganese, Total	ND		mg/kg	0.400	0.064	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Nickel, Total	ND		mg/kg	1.00	0.097	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Potassium, Total	ND		mg/kg	100	5.76	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Selenium, Total	ND		mg/kg	0.800	0.103	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Silver, Total	ND		mg/kg	0.400	0.113	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Sodium, Total	ND		mg/kg	80.0	1.26	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Thallium, Total	ND		mg/kg	0.800	0.126	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Vanadium, Total	ND		mg/kg	0.400	0.081	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB
Zinc, Total	ND		mg/kg	2.00	0.117	1	07/16/19 21:55	07/18/19 20:57	1,6010D	AB

Prep Information

Digestion Method: EPA 3050B

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07
Lab Number: L1929439
Report Date: 08/05/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,04-05,08-09,12-13 Batch: WG1260778-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	07/17/19 05:20	07/17/19 10:49	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 06 Batch: WG1265731-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	07/29/19 10:30	07/29/19 12:18	1,6010D	PS
Lead, Total	ND		mg/kg	2.00	0.107	1	07/29/19 10:30	07/29/19 12:18	1,6010D	PS

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 Batch: WG1258441-2 SRM Lot Number: D105-540								
Mercury, Total	94		-		60-141	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 Batch: WG1258800-2 SRM Lot Number: D105-540					
Aluminum, Total	69	-	51-149	-	
Antimony, Total	138	-	19-249	-	
Arsenic, Total	92	-	70-130	-	
Barium, Total	91	-	75-125	-	
Beryllium, Total	101	-	75-125	-	
Cadmium, Total	96	-	75-125	-	
Calcium, Total	84	-	73-127	-	
Chromium, Total	86	-	70-130	-	
Cobalt, Total	91	-	75-125	-	
Copper, Total	89	-	75-125	-	
Iron, Total	78	-	38-162	-	
Lead, Total	81	-	71-128	-	
Magnesium, Total	81	-	63-137	-	
Manganese, Total	89	-	76-124	-	
Nickel, Total	94	-	70-131	-	
Potassium, Total	79	-	60-140	-	
Selenium, Total	90	-	63-137	-	
Silver, Total	87	-	69-131	-	
Sodium, Total	96	-	37-162	-	
Thallium, Total	90	-	68-132	-	
Vanadium, Total	86	-	65-135	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 Batch: WG1258800-2 SRM Lot Number: D105-540					
Zinc, Total	88	-	70-130	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04-05,08-09,12-13 Batch: WG1260620-2 SRM Lot Number: D105-540					
Aluminum, Total	67	-	51-149	-	
Antimony, Total	160	-	19-249	-	
Arsenic, Total	105	-	70-130	-	
Barium, Total	102	-	75-125	-	
Beryllium, Total	114	-	75-125	-	
Cadmium, Total	108	-	75-125	-	
Calcium, Total	97	-	73-127	-	
Chromium, Total	98	-	70-130	-	
Cobalt, Total	104	-	75-125	-	
Copper, Total	101	-	75-125	-	
Iron, Total	84	-	38-162	-	
Lead, Total	95	-	71-128	-	
Magnesium, Total	87	-	63-137	-	
Manganese, Total	98	-	76-124	-	
Nickel, Total	105	-	70-131	-	
Potassium, Total	85	-	60-140	-	
Selenium, Total	101	-	63-137	-	
Silver, Total	98	-	69-131	-	
Sodium, Total	103	-	37-162	-	
Thallium, Total	97	-	68-132	-	
Vanadium, Total	94	-	65-135	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04-05,08-09,12-13 Batch: WG1260620-2 SRM Lot Number: D105-540					
Zinc, Total	102	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 02,04-05,08-09,12-13 Batch: WG1260778-2 SRM Lot Number: D105-540					
Mercury, Total	114	-	60-141	-	
Total Metals - Mansfield Lab Associated sample(s): 06 Batch: WG1265731-2 SRM Lot Number: D105-540					
Arsenic, Total	101	-	70-130	-	
Lead, Total	90	-	71-128	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 QC Batch ID: WG1258441-3 WG1258441-4 QC Sample: L1930158-01 Client ID: MS Sample												
Mercury, Total	ND	0.154	0.124	80		0.125	82		80-120	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 QC Batch ID: WG1258800-3 QC Sample: L1928859-04 Client ID: MS Sample										
Aluminum, Total	15400	183	16400	**545**	Q	-	-	75-125	-	20
Antimony, Total	39.6	45.8	110	**154**	Q	-	-	75-125	-	20
Arsenic, Total	7.25	11	22.3	**137**	Q	-	-	75-125	-	20
Barium, Total	28.5	183	189	88		-	-	75-125	-	20
Beryllium, Total	0.140J	4.58	3.87	84		-	-	75-125	-	20
Cadmium, Total	0.880	4.68	5.74	104		-	-	75-125	-	20
Calcium, Total	35000	917	31100	**0**	Q	-	-	75-125	-	20
Chromium, Total	22.0	18.3	47.9	**141**	Q	-	-	75-125	-	20
Cobalt, Total	13.0	45.8	54.9	91		-	-	75-125	-	20
Copper, Total	76000	22.9	63900	**0**	Q	-	-	75-125	-	20
Iron, Total	15200	91.7	20800	**6110**	Q	-	-	75-125	-	20
Lead, Total	2020	46.8	2720	**1500**	Q	-	-	75-125	-	20
Magnesium, Total	8980	917	9130	**16**	Q	-	-	75-125	-	20
Manganese, Total	493	45.8	558	**142**	Q	-	-	75-125	-	20
Nickel, Total	5610	45.8	5740	**284**	Q	-	-	75-125	-	20
Potassium, Total	593	917	1340	81		-	-	75-125	-	20
Selenium, Total	2.04	11	14.6	114		-	-	75-125	-	20
Silver, Total	11.4	27.5	40.2	105		-	-	75-125	-	20
Sodium, Total	155	917	984	90		-	-	75-125	-	20
Thallium, Total	ND	11	8.15	**74**	Q	-	-	75-125	-	20
Vanadium, Total	10.3	45.8	50.1	87		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 QC Batch ID: WG1258800-3 QC Sample: L1928859-04 Client ID: MS Sample										
Zinc, Total	5110	45.8	4860	0	Q	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04-05,08-09,12-13 QC Batch ID: WG1260620-3 QC Sample: L1929104-01 Client ID: MS Sample										
Aluminum, Total	3860	173	4310	**260**	Q	-	-	75-125	-	20
Antimony, Total	1.06J	43.3	43.2	100		-	-	75-125	-	20
Arsenic, Total	10.4	10.4	19.6	88		-	-	75-125	-	20
Barium, Total	22.5	173	182	92		-	-	75-125	-	20
Beryllium, Total	0.336	4.33	4.76	102		-	-	75-125	-	20
Cadmium, Total	0.134J	4.42	4.27	97		-	-	75-125	-	20
Calcium, Total	6380	866	10400	**464**	Q	-	-	75-125	-	20
Chromium, Total	14.5	17.3	31.2	96		-	-	75-125	-	20
Cobalt, Total	5.64	43.3	42.1	84		-	-	75-125	-	20
Copper, Total	74.8	21.6	69.8	**0**	Q	-	-	75-125	-	20
Iron, Total	10100	86.6	9180	**0**	Q	-	-	75-125	-	20
Lead, Total	3540	44.2	174	**0**	Q	-	-	75-125	-	20
Magnesium, Total	2890	866	3560	77		-	-	75-125	-	20
Manganese, Total	81.8	43.3	116	79		-	-	75-125	-	20
Nickel, Total	16.1	43.3	53.8	87		-	-	75-125	-	20
Potassium, Total	1380	866	2070	80		-	-	75-125	-	20
Selenium, Total	ND	10.4	10.6	102		-	-	75-125	-	20
Silver, Total	ND	26	26.4	102		-	-	75-125	-	20
Sodium, Total	2620	866	3900	**148**	Q	-	-	75-125	-	20
Thallium, Total	ND	10.4	8.08	78		-	-	75-125	-	20
Vanadium, Total	11.9	43.3	51.4	91		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04-05,08-09,12-13 QC Batch ID: WG1260620-3 QC Sample: L1929104-01 Client ID: MS Sample										
Zinc, Total	224	43.3	218	**0**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02,04-05,08-09,12-13 QC Batch ID: WG1260778-3 QC Sample: L1920721-02 Client ID: MS Sample										
Mercury, Total	ND	0.523	0.534	102		-	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1265731-3 QC Sample: L1929439-06 Client ID: SB019 (6'-9')										
Arsenic, Total	1.01	11.1	11.8	97		-	-	75-125	-	20
Lead, Total	71.8	47	105	**70**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 QC Batch ID: WG1258800-4 QC Sample: L1928859-04 Client ID: DUP Sample						
Antimony, Total	39.6	59.4	mg/kg	**40**	Q	20
Arsenic, Total	7.25	10.1	mg/kg	**33**	Q	20
Beryllium, Total	0.140J	0.135J	mg/kg	NC		20
Cadmium, Total	0.880	1.35	mg/kg	**42**	Q	20
Chromium, Total	22.0	23.1	mg/kg	5		20
Lead, Total	2020	2660	mg/kg	**27**	Q	20
Selenium, Total	2.04	2.96	mg/kg	**37**	Q	20
Silver, Total	11.4	14.5	mg/kg	**24**	Q	20
Thallium, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 QC Batch ID: WG1258800-4 QC Sample: L1928859-04 Client ID: DUP Sample						
Nickel, Total	5610	5550	mg/kg	1		20
Zinc, Total	5110	5040	mg/kg	1		20
Total Metals - Mansfield Lab Associated sample(s): 01,07,11 QC Batch ID: WG1258800-4 QC Sample: L1928859-04 Client ID: DUP Sample						
Copper, Total	76000	72100	mg/kg	5		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02,04-05,08-09,12-13 QC Batch ID: WG1260620-4 QC Sample: L1929104-01 Client ID: DUP Sample						
Arsenic, Total	10.4	5.28	mg/kg	**65**	Q	20
Barium, Total	22.5	32.2	mg/kg	**35**	Q	20
Cadmium, Total	0.134J	ND	mg/kg	NC		20
Chromium, Total	14.5	20.9	mg/kg	**36**	Q	20
Lead, Total	3540	502	mg/kg	**150**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 02,04-05,08-09,12-13 QC Batch ID: WG1260778-4 QC Sample: L1920721-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 06 QC Batch ID: WG1265731-4 QC Sample: L1929439-06 Client ID: SB019 (6'-9')						
Arsenic, Total	1.01	0.841	mg/kg	18		20
Lead, Total	71.8	49.2	mg/kg	**37**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-01
Client ID: SB018 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 09:30
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	07/09/19 01:53	121,2540G	SL

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-02
Client ID: SB018 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 09:35
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	07/09/19 01:53	121,2540G	SL

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-04
Client ID: SB019 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 10:25
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	07/09/19 01:53	121,2540G	SL

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-05
Client ID: SB019 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 10:30
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.9		%	0.100	NA	1	-	07/09/19 01:53	121,2540G	SL

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-06
Client ID: SB019 (6'-9')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 10:35
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	07/24/19 11:37	121,2540G	RI

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-07
Client ID: SB020 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:00
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	07/09/19 01:53	121,2540G	SL

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-08
Client ID: SB021 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:45
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.4		%	0.100	NA	1	-	07/09/19 01:53	121,2540G	SL

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-09
Client ID: SB021 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:50
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	07/09/19 01:53	121,2540G	SL

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-10
Client ID: SB021 (6'-9')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 11:55
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	07/17/19 00:23	121,2540G	YA

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-11
Client ID: SB022 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 12:45
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	07/09/19 01:53	121,2540G	SL

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-12
Client ID: SB023 (0'-3')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 13:50
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	07/09/19 03:27	121,2540G	YA

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

SAMPLE RESULTS

Lab ID: L1929439-13
Client ID: SB023 (3'-6')
Sample Location: 355 EXTERIOR ST., BRONX, NY

Date Collected: 07/05/19 13:55
Date Received: 07/08/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	07/09/19 03:27	121,2540G	YA

Lab Duplicate Analysis
Batch Quality Control

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02,04-05,07-09,11 QC Batch ID: WG1257322-1 QC Sample: L1929439-01 Client ID: SB018 (0'-3')						
Solids, Total	93.2	93.0	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 12-13 QC Batch ID: WG1257335-1 QC Sample: L1929537-05 Client ID: DUP Sample						
Solids, Total	66.5	61.8	%	7		20
General Chemistry - Westborough Lab Associated sample(s): 10 QC Batch ID: WG1260683-1 QC Sample: L1929439-10 Client ID: SB021 (6'-9')						
Solids, Total	89.4	90.3	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 06 QC Batch ID: WG1263811-1 QC Sample: L1932600-03 Client ID: DUP Sample						
Solids, Total	81.4	81.0	%	0		20

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929439-01A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-01B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1929439-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-02B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L1929439-03A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8270(14)
L1929439-03B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8270(14)
L1929439-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-04B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L1929439-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-05B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L1929439-06A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		AS-TI(180),PB-TI(180),HOLD-8270(14)
L1929439-06B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		TS(7),HOLD-8270(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929439-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-07B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1929439-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-08B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L1929439-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-09B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L1929439-10A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7),HOLD-8270(14)
L1929439-10B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7),HOLD-8270(14)
L1929439-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-11B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8081(14),NYTCL-8082(14)
L1929439-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-12B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: 355 EXTERIOR ST.
Project Number: LST1802 TASK 07

Lab Number: L1929439
Report Date: 08/05/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1929439-13A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),TS(7),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1929439-13B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7)
L1929439-14A	Glass 60mL/2oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8270(14)
L1929439-14B	Glass 250ml/8oz unpreserved	A	NA		2.7	Y	Absent		HOLD-8270(14)

*Values in parentheses indicate holding time in days

Project Name:	355 EXTERIOR ST.	**Lab Number:**	L1929439
Project Number:	LST1802 TASK 07	**Report Date:**	08/05/19

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	355 EXTERIOR ST.	**Lab Number:**	L1929439
Project Number:	LST1802 TASK 07	**Report Date:**	08/05/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	355 EXTERIOR ST.	**Lab Number:**	L1929439
Project Number:	LST1802 TASK 07	**Report Date:**	08/05/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 7/8/19

ALPHA Job #: L1929439

Client Information
Client: PW Grosser
Address: 630 Johnson Ave
Bohemia NY 11716
Phone: 631-589-6353
Fax:
Email: dErsbak@PWGrosser.com

Project Information
Project Name: 355 Exterior St
Project Location: 355 Exterior St Bronx, NY
Project #: EST1802 Task 07
(Use Project name as Project #) ☐
Project Manager: Derek Ersbak
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	TAL Metals	PCBs	Pesticides	Part 375 SVOCs	As, Ba, Pb, Hg, Cr	Sample Specific Comments
29439-01	SB018 (0'-3')	7/5/19	0930	Soil	DH	X	X	X	X	X		
-02	SB018 (3'-6')		0935							X	X	
-03	SB018 (6'-9')		0940							X	X	*HOLD
-04	SB019 (0'-3')		1025							X	X	
-05	SB019 (3'-6')		1030							X	X	
-06	SB019 (6'-9')		1035							X	X	*HOLD
-07	SB020 (0'-3')		1100			X	X	X	X	X		
-08	SB020 (3'-6')		1145							X	X	
-09	SB021 (3'-6')		1150							X	X	
-10	SB021 (6'-9')		1155							X	X	*HOLD

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/8/19 1125	AR	7-8-19 1125
P.S.	7/8/19 1605	DS.	7/8/19 16:45
P.S.	7/8/19 20:30		7/8/19 2030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 7/8/19

ALPHA Job #: L1929439

Client Information
Client: PW Grosser
Address: 630 Johnson Ave
Bohemia NY 11716
Phone: 631-589-6353
Fax:
Email: dErsbak@PWGrosser.com

Project Information
Project Name: 355 Exterior St
Project Location: 355 Exterior St, Bronx, NY
Project # LST1802 Task 07
(Use Project name as Project #) ☐
Project Manager: Derek Ersbak
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL SVOCs	TAL Metals	PCBs	Pesticides	Part 375 SVOCs	As, Ba, Pb, Hg, Cd	Sample Specific Comments
29439-11	SB022 (0'-3')	7/5/19	1245	Soil	DH	X	X	X	X	X		
-12	SB023 (0'-3')		1350							X	X	
-13	SB023 (3'-6')		1355							X	X	
-14	SB023 (6'-9')		1400							X	X	* HOLD

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
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Container Code
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O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
	7/8/19 1125	AAL	7-8-19 1125
	7-8-19 1605	B. AAM	7/8/19 16:85
P.S. AAL	7/8/19 20:3		7/8/19 2030

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