SUMMARY REPORT OF QUARTERLY GROUNDWATER MONITORING

GDC-LIC Development Site

NYSDEC BCP Site Number: C241172

45-25 11th Street & 11-22 45th Road
Long Island City, Queens County, New York

June 7, 2018

WCD File: GQ14076

Environmental & Construction Risk Management
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SUMMARY REPORT OF QUARTERLY GROUNDWATER MONITORING

June 7, 2018

WCD File: GQ14076

Prepared By:

WCD Group, LLC
24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

GDC-LIC Owner, LLC
245 Saw Mill River Road
Hawthorne, New York 10532

The undersigned has reviewed this Summary Report of Quarterly Groundwater Monitoring and certifies to GDC-LIC Owner, LLC that the information provided in this document is accurate as of the date of issuance by this office.

The undersigned is a Qualified Environmental Professional as defined by 6 NYCRR Part 375-1.2 (ak) and supporting documents. The undersigned possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the presence of releases or threatened releases to the surface or subsurface of the site or off-site areas, sufficient to meet the objectives and performance factors for the areas of practice identified in NYSDEC guidance document DER-10.

Paul H. Ciminello	June 7, 2018	
Qualified Environmental Professional	Date	Signature

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APPENDICES

1.0 INTRODUCTION

This Summary Report of Quarterly Groundwater Monitoring (Report) summarizes quarterly groundwater sampling conducted by WCD Group (WCD) at the GDC-LIC Development Site (Site) on April 2, 2018. This Report is divided into individual sections that document fieldwork methodology and laboratory results, and summarize WCD's conclusions and recommendations. The following Appendices are provided: Figures (Site Location and Fieldwork Map, Appendix A); Well Installation Report (Appendix B); Sampling Logs (Appendix C); Laboratory Data Tables (Appendix D); and, Laboratory Reports (Appendix E).

1.1 Background and Purpose

The Site was remediated under the NYSDEC Brownfields Cleanup Program (BCP ID: C241172) from May through November, 2016, and a Final Engineering Report (FER) was issued in December 2016. The remedial action included the following components:

- Removal of two known petroleum storage tanks (both tanks were found to be intact, with no evidence of any releases);
- Excavation and removal of approximately 15,800 tons of urban fill soils for development purposes;
- Excavation and removal of approximately 670 tons of deeper petroleum-contaminated soil in the northern-central portion of the Site (defined as "Hot Spot #1"), including smear-zone and saturated soils where NAPL had been identified, and 305 tons of a distinct deeper volume of saturated soils containing elevated concentrations of arsenic and petroleum compounds;
- Application of an oxygen release compound (PermeOx® Ultra) at the base of the Hot Spot #1 excavation, in order to enhance aerobic bioremediation of any residual petroleum contamination in both soil and groundwater;
- Injection of a two-part chemical oxidant (RegenOx®) and an oxygen release compound (ORC Advanced®) at the northwestern corner of the Site, in an area of documented naphthalene contamination (defined as "Hot Spot #2"). Note: Excavation and removal of soil in this area, as specified in the RAWP, was not practical due to the depth of the planned excavation near the sidewalk, and approval was secured from NYSDEC to utilize an in situ treatment; and,
- Installation of a vapor barrier and sub-slab depressurization (SSD) system components beneath each new townhouse foundation, and sub-slab soil vapor testing to document existing conditions.

The Remedial Action Work Plan specified the installation of five groundwater monitoring wells (2MW-01 through 2MW-05) at sidewalks immediately adjoining the Site to the north and to the west, during the Site Management phase, to assess the performance and effectiveness of the remedy. No significant field evidence of contamination was observed during well installation and laboratory analysis of soils did not document elevated concentrations of petroleum compounds or arsenic. Well installation activities are documented in a Well Installation Report, provided as Appendix B.

At the NYSDEC's recommendation, groundwater monitoring will continue in compliance with the Site Management Plan (SMP). The need for any additional treatment of soil and/or groundwater will be determined in consultation with NYSDEC, based on the results of post-remediation groundwater monitoring.

1.2 Site Location and Description

The site is located in Long Island City, Queens, New York and is bounded by 45th Road and an adjoining residential apartment building to the north, 46th Avenue to the south, a commercial building to the east, and 11th Street to the west (see Site Location and Fieldwork Map).

1.3 Hydrogeology

The Site is in a relatively level urban area, with general surface elevations ranging from 10 to 15 feet above mean sea level (amsl), and gentle downward slopes to the west-northwest, toward the East River. Boundary elevations range from approximately 12 to 14.5 feet amsl. The Site was excavated to approximately 2.5 feet above the water table, to accommodate development. The original stratigraphy of the site, documented during the Remedial Investigation and during the Remedial Action, consisted of between 10 to 13 feet of unconsolidated urban fill underlain by native sands, gravel and fines, and a widespread distinct layer of peat between three and five feet in thickness over coarse sand with varying amounts of silt and gravel extending to bedrock (variable depth, elevations ranging from approximately -13 to -28 feet amsl).

Historical groundwater flow (November 2015, static depth to water measured at former on-site wells), was inferred to generally be toward the northwest (historical groundwater logging data did not indicate any significant tidal influences on Site groundwater from the East River). All wells were permanently closed at the start of construction activities. Field observations during the April 2018 sampling event (Section 2.3), documented approximate groundwater elevations of 4.8 to 5.7 feet (6.6 to 7.7 feet below grade [fbg]). Groundwater flow was inferred to be toward the north-northwest, consistent with previous observations. Well locations and the direction of groundwater flow (based on the April 2018 survey data) are shown on the Fieldwork Map.

2.0 GROUNDWATER MONITORING

2.1 Groundwater Sampling Protocol

WCD personnel conducted groundwater sampling at the Site on April 2, 2018. The following protocol was used to sample off-site monitoring wells 2MW-01 through 2MW-05.

- All monitoring well sampling activities and observations (e.g., well integrity, etc.) were recorded in a field-book and a groundwater-sampling log. Each monitoring well casing was opened prior to sampling and the well column was immediately screened with a Mini Rae 3000 photo-ionization detector (PID) to document the presence of any volatile organic vapors.
- All wells were purged and sampled following USEPA Low-Stress methodology. Field logs are provided in Appendix C.
- All sampling was conducted using a GeoTech Geopump water quality monitoring system (set to record parameter levels at five minute intervals), dedicated polyethylene tubing and a surface-operated peristaltic pump.
- All wells were purged at a flow rate between 100 and 230 ml per minute for at least 15 minutes. Flow rate was determined using a graduated cylinder and a stopwatch.
- Field testing and recording of field parameters (dissolved oxygen [DO], pH, specific conductivity, oxidation reduction potential [ORP] and temperature) was conducted using the GeoTech Geopump.
- Sample collection occurred after the initial 15-minute period, once field parameters were observed to have stabilized (achieved when three consecutive readings were within the required parameters specified by the USEPA protocol).
- Each groundwater sample was collected in three (3) laboratory-supplied 40-ml glass vials preserved with hydrochloric acid, two (2) 1-liter glass jars, and two (2) 250-ml plastic bottles (one preserved with nitric acid for total TAL metals and one unpreserved for dissolved TAL metals).
- After sample collection, the containers were placed in a cooler (with ice) accompanied by proper chain of custody documentation and relinquished to a NYSDOH-certified laboratory for laboratory analysis.

2.2 Quality Assurance / Quality Control

Sampling and laboratory analysis of groundwater was implemented in accordance with the Quality Assurance Project Plan (QAPP) provided in the Site Management Plan (dated October 2017, Revised June 2018).

Implementation of the QAPP included:

- Sampling Program: Sample containers were provided by the analytical laboratory, with preservatives as warranted, and were appropriately labeled; sample holding times were in accordance with NYSDEC ASP requirements; and a field Quality Control sample (i.e., trip blank) and field duplicate sample were included as per NYSDEC ASP requirements;
- Sample Tracking and Custody: Performed as per NYSDEC ASP requirements;
- Calibration Procedures: PID and the GeoTech Geopump were calibrated immediately prior to use, following the manufacturer's standard procedures; and,
- Analytical Procedures: Samples were analyzed for VOCs (USEPA 8260C), SVOCs (USEPA 8270B) and total and dissolved TAL metals (USEPA 6010C/7471B).

A Data Usability Summary Report (DUSR) is being prepared in accordance with NYSDEC DER-10, by a third, independent party, which maintains NYSDOH ELAP CLP Certification (the DUSR will also include a current resume for the person who prepared it).

The DUSR will contain a summary assessment of laboratory data packages, sample preservation and chain of custody procedures, and include a summary assessment of precision, accuracy, representativeness, comparability and completeness for each analytical method that was performed. The DUSR will be provided in the Periodic Review Report (PRR), along with an overview.

2.3 Fieldwork Observations

A mild petroleum odor and slight sheen, were observed at 2MW-01, and slight petroleum odors were observed at 2MW-04 and 2MW-05; no non-aqueous phase liquid (NAPL) or other field evidence of contamination was noted during sampling activities.

2.4 Laboratory Analysis

2.4.1 Standards, Criteria and Guidance

All laboratory analytical data for groundwater are compared to Ambient Water Quality Standards (AWQS) provided in NYSDEC TOGS 1.1.1, as required by the SMP.

2.4.2 Analytical Results

Monitoring well sampling data are presented below and summarized in Tables 1 through 4, Appendix D. Laboratory data are reported below in parts per billion (ppb). Laboratory reports are provided in Appendix E.

Total and dissolved arsenic (a contaminant of concern during the remedial action) were not detected in any samples.

Acetone was detected at low levels in five of six groundwater samples and in the quality control blanks; this compound, however, was also reported in the associated laboratory blanks, indicating cross contamination, and acetone detections are therefore not discussed below or counted in the referenced total VOC values (note: all acetone detections are reported in the data tables).

MONITORING WELL 2MW-01

Total VOCs were reported at approximately 54 ppb, with no analytes detected above AWQS. Methylcyclohexane (36 ppb) and cyclohexane (14 ppb), with no established AWQS, accounted for the bulk of total VOCs. Low to trace levels of xylenes (3.6 ppb, AWQS 5 ppb) and trimethylbenzenes (peak value 0.55 ppb, AWQS 5 ppb) were also detected. No chlorinated VOCs (CVOCs) were reported. Total SVOCs were reported at less than 1 ppb, with no analytes detected above AWQS. Detected analytes included trace levels of five PAHs, including naphthalene.

Elevated concentrations of total and dissolved iron, magnesium, manganese, selenium and sodium, and elevated concentrations of dissolved antimony, were reported.

MONITORING WELL 2MW-02/DUPLICATE SAMPLE DUP-20180402

Total VOCs were reported at approximately 15 ppb, comprised exclusively of an elevated concentration of chloroform (14 ppb, AWQS 7 ppb) and a trace level of bromodichloromethane. No SVOCs were reported.

Metal contamination was restricted to elevated concentrations of total and dissolved sodium, and a slightly elevated concentration of total antimony.

Results from the sample and the duplicate sample were consistent.

MONITORING WELL 2MW-03

No VOCs were reported. Total SVOCs were reported at approximately 2.7 ppb, with exceedances of three PAHs (benzo[b]fluoranthene 0.0615 ppb, benzo[k]fluoranthene 0.0513 ppb and chrysene 0.0615 ppb, AWQS all compounds 0.002 ppb), and low levels of seven other PAHs and bis(2-ethylhexyl)phthalate (1.76 ppb, AWQS 5 ppb).

Metal contamination was restricted to elevated concentrations of total iron and sodium, and dissolved sodium.

MONITORING WELL 2MW-04

Total VOCs were reported at less than 1 ppb, with only trace cyclohexane (0.2 ppb) detected. Total SVOCs were reported at less than 1 ppb, with no analytes detected above AWQS. Detected analytes included trace to low levels of three PAHs.

Metal contamination was restricted to elevated concentrations of total and dissolved iron, manganese and sodium.

MONITORING WELL 2MW-05

Total VOCs were reported at approximately 135 ppb, with no analytes detected above AWQS. Methylcyclohexane (130 ppb) accounted for the bulk of total VOCs. Low to trace levels of five substituted benzenes (e.g., isopropylbenzene, 2.1 ppb, AWQS 5 ppb) were also detected. No chlorinated VOCs (CVOCs) were reported. Total SVOCs were reported at approximately 1.2 ppb, with no analytes detected above AWQS. Detected analytes included trace levels of three PAHs, including naphthalene.

Metal contamination was restricted to elevated concentrations of total and dissolved iron, manganese and sodium, and slightly elevated dissolved selenium.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The first round of quarterly groundwater sampling has been performed at the GDC-LIC Development Site (BCP ID: C241172), in conformance with the NYSDEC-approved SMP. Groundwater at the Site was previously shown to have been impacted by organic compounds associated with an on-site petroleum release, as well as by low levels of several other VOCs and PAHs, which were attributed to the presence of poor-quality fill materials. Significantly elevated levels of total and dissolved arsenic were found in the central portion of the property (associated with high levels in soil), and low-grade contamination by other metals (from fill or representative of local-area groundwater quality) were found throughout the Site. WCD conducted sampling at five monitoring wells, installed at upgradient and cross-gradient sidewalk areas, in order to document current water quality and the effectiveness of the remedial action.

Groundwater monitoring data indicate the following:

- Arsenic was not detected in any samples.
- VOCs were not found at any well at concentrations above AWQS, and total VOCs did not exceed 1 ppb at 2MW-03 and 2MW-04, located downgradient from former Hot Spot locations.
- Low-grade contamination by methylcyclohexane and cyclohexane (AWQS not established for either compound) is present at monitoring wells 2MW-01 and 2MW-05 (located cross-gradient and somewhat cross-gradient, respectively, from the areas of soil remediation and in situ treatment).
- Contamination by PAHs at downgradient well 2MW-01, chloroform at 2MW-02, and metals other than arsenic, is consistent with pre-remediation conditions.

The absence of either arsenic or significant concentrations of petroleum compounds in groundwater supports the conclusion that site remediation efforts have substantially met the remedial objectives for the GDC LIC Development Site. Low-grade methylcyclohexane and cyclohexane impacts may be related to contamination originating at the Site (potentially as a result of materials mobilized during remedial excavations) and/or from an off-site source. Contamination by PAHs, non-arsenic metals and chloroform is not present at levels warranting a response action, and is consistent with contributions from both urban fill materials and likely poor-quality regional groundwater conditions.

WCD recommends that quarterly groundwater sampling (for VOCs and PAHs as per the NYSDEC-approve Site Management Plan) be continued.

APPENDIX A

Figures

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Site Location Map

45-35 11th Street and 11-22 45th Road
Queens, New York

Legend:

subject property border

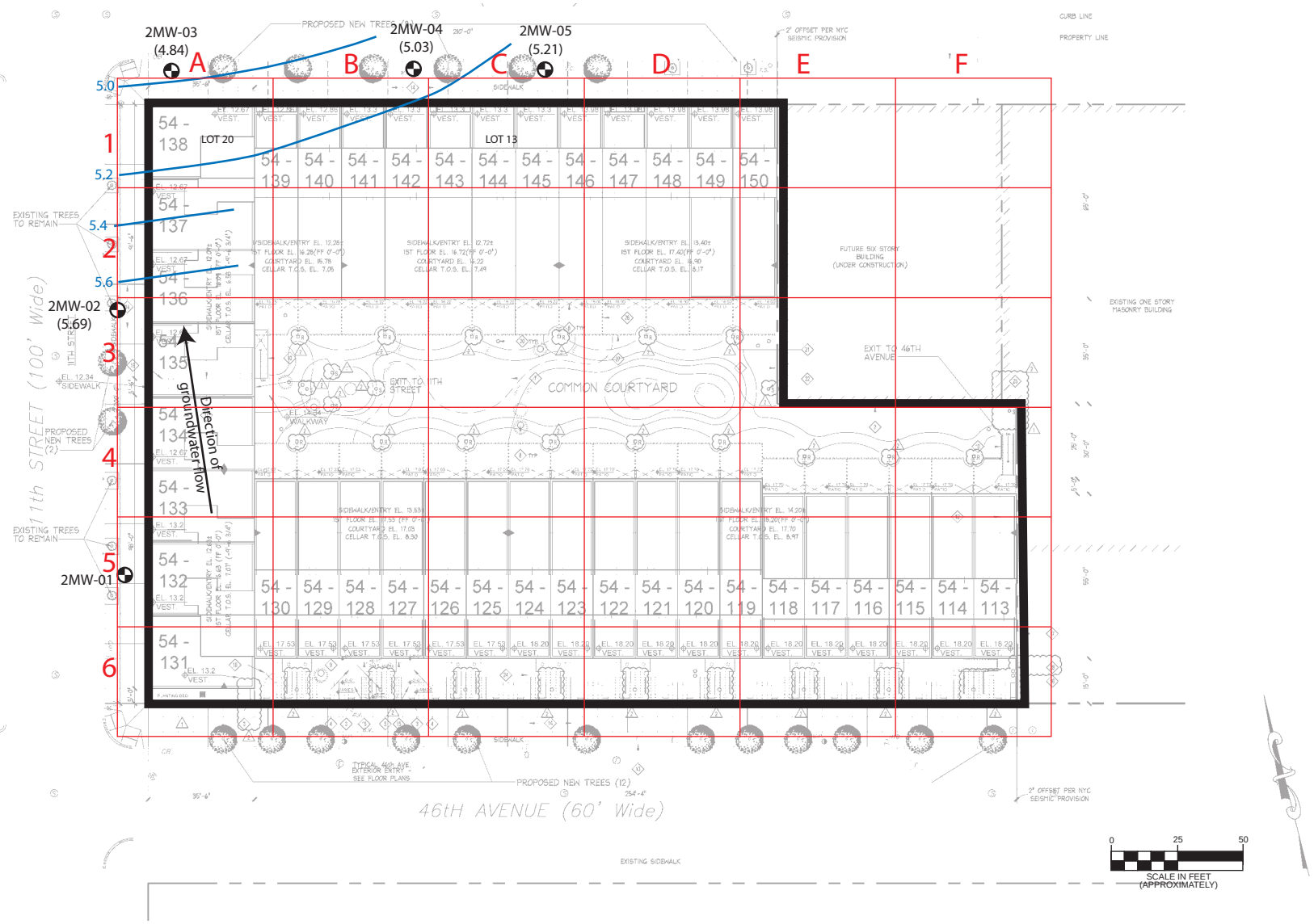
0 250 500

SCALE IN FEET
(APPROXIMATELY)

WCD File: GQ14076.50

June 2018

Appendix A



Base map provided by Perkin Eastman dated September 9, 2014. All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Fieldwork Map

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

Legend:

- subject property border
- groundwater contour lines
- monitoring well location

WCD File: GQ14076.50

June 2018

Scale as shown

Appendix A

APPENDIX B

Well Installation Report

WELL INSTALLATION REPORT

GDC-LIC Development Site

NYSDEC BCP Site Number: C241172

45-25 11th Street & 11-22 45th Road
Long Island City, Queens County, New York

June 7, 2018

WCD File: GQ14076

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WELL INSTALLATION REPORT

June 7, 2018

WCD File: GQ14076

Prepared By:

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24 Davis Avenue
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Prepared For:

GDC-LIC Owner, LLC
245 Saw Mill River Road
Hawthorne, New York 10532

The undersigned has reviewed this Well Installation Report and certifies to GDC-LIC Owner, LLC, that the information provided in this document is accurate as of the date of issuance by this office.

The undersigned is a Qualified Environmental Professional as defined by 6 NYCRR Part 375-1.2 (ak) and supporting documents. The undersigned possesses sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the presence of releases or threatened releases to the surface or subsurface of the site or off-site areas, sufficient to meet the objectives and performance factors for the areas of practice identified in NYSDEC guidance document DER-10.

Paul H. Ciminello	June 7, 2018	
Qualified Environmental Professional	Date	Signature

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ATTACHMENTS

1.0 INTRODUCTION

1.1 Purpose

This Well Installation Report (Report) documents environmental fieldwork performed by WCD Group, LLC (WCD) at the GDC-LIC Development Site, located at 45-25 11th Street & 11-22 45th Road, Long Island City, Queens, New York (Site).

The Site was remediated under the New York State Department of Environmental Conservation (NYSDEC) Brownfields Cleanup Program (BCP ID: C241172) from May through November 2016, and a Final Engineering Report (FER) was issued in December 2016. The FER and NYSDEC-approved Site Management Plan (SMP) specified the installation of five groundwater monitoring wells (2MW-01 through 2MW-05) at sidewalks immediately adjoining the Site to the north and to the west to assess the performance and effectiveness of the remedy.

This Report documents the soil boring and well installation activities performed at the proposed well locations. Analytical sampling of soils was conducted in accordance with the SMP. The specific purpose of this Report is to summarize the work performed by WCD and WCD's subcontractors.

1.2 Limitations

This written analysis summarizes the well installation activities conducted on specified portions of the above-referenced property and is not relevant to other portions of this property or any other property. It is a representation of those portions of the property analyzed as of the respective dates of fieldwork. This Report cannot be held accountable for activities or events resulting in contamination after the dates of fieldwork.

Services summarized in this Report were performed in accordance with generally accepted practices and established NYSDEC protocols. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgement.

1.3 Site Location and Description

The site is located in Long Island City, Queens, New York and is bounded by 45th Road to the north, 46th Avenue to the south, a commercial building to the east, and 11th Street to the west (see Site Location and Fieldwork Maps).

1.4 Hydrogeology

The Site is in a relatively level urban area, with general surface elevations ranging from 10 to 15 feet above mean sea level (amsl), and gentle downward slopes to the west-northwest, toward the East River. Boundary elevations range from approximately 12 to 14.5 feet amsl. The Site

was excavated to approximately 2.5 feet above the water table to accommodate redevelopment. The original stratigraphy of the site, documented during the Remedial Investigation and during the Remedial Action, consisted of between 10 to 13 feet of unconsolidated urban fill beneath the former building slabs, underlain by native sands, gravel and fines, and a widespread distinct layer of peat between three and five feet in thickness over coarse sand with varying amounts of silt and gravel. Geotechnical borings were terminated at approximately 25 to 40 feet below the slabs, likely on bedrock.

Historical groundwater flow (November 2015, static depth to water measured at former on-site wells), was inferred to generally be toward the northwest (historical groundwater logging data did not indicate any significant tidal influences on Site groundwater from the East River). All wells were permanently closed at the start of construction activities. Field observations during the April 2018 fieldwork documented approximate groundwater elevations of 4.8 to 5.7 feet amsl (6.6 to 7.7 feet below grade [fbg]). Groundwater flow was inferred to be toward the north-northwest, consistent with previous observations. Well locations and the direction of groundwater flow (based on the April 2018 survey data) are shown on Figure 2.

2.0 WELL INSTALLATION ACTIVITIES

2.1 Summary of Services

WCD coordinated and supervised the extension of five soil borings and conversion to groundwater monitoring wells at the Site on March 20 and 22, 2018. WCD collected soil samples to document the presence or absence of contamination. As required by the SMP, WCD documented the presence or absence of contamination through sampling and laboratory analysis of subsurface soil samples for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and Target Analyte List (TAL) metals.

This Report is divided into individual sections that document fieldwork methodology (Section 2.2) and laboratory results (Section 2.3), and present WCD's conclusions and recommendations (Section 3.0). A map indicating all fieldwork locations and selected Site features is provided in Attachment A.

2.2 Fieldwork Activities

2.2.1 Site Preparation Services

WCD requested a complete utility markout (as required by New York State Department of Labor regulations) and a geophysical survey was performed by an independent contractor prior to the fieldwork. On-site personnel reviewed the markout and underground utility locations prior to the initiation of fieldwork.

2.2.2 Fieldwork Methodology

General Protocols

All encountered material was screened with a properly calibrated MiniRAE Lite (Model 3000) photo-ionization detector (PID) for the presence of any volatile organic vapors where appropriate. WCD described all encountered media in field logs and boring logs, including specific characteristics, the presence of foreign materials, and field and instrument indications of contamination (e.g., staining, odors, PID readings). Relevant information from WCD logs for each fieldwork location is summarized in Attachment B.

WCD collected samples in general conformance with NYSDEC and NYSDOH fieldwork protocols. All field personnel wore dedicated, disposable gloves during relevant fieldwork activities, and any non-dedicated sampling instruments were decontaminated prior to media collection.

All samples were collected into appropriately sized containers provided by the laboratory (with preservatives as required for the specific analysis), and were maintained at proper temperatures (using ice packs and coolers as needed) while in WCD's custody. Samples were transported via courier to York Analytical Laboratories, Inc. (New York State Department of Health ELAP Certification Number 10854) for chemical analyses. Appropriate chain-of-custody procedures were followed.

Extension of Soil Borings

WCD oversaw the extension of five mechanized soil borings in off-site sidewalks, and conversion to groundwater monitoring wells, at the following locations:

- 11th Street, 2MW-01 and 2MW-02 near Unit 132 and Units 135/136, respectively;
- 45th Road, 2MW-03 near road intersection and Unit 138; and,
- 45th Road, 2MW-04 and 2MW-05 near Unit 142 and Unit 145, respectively.

All soil borings were extended by personnel from CoreDown Environmental Drilling using a truck-mounted Geoprobe direct-push corer equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples). Soil was recovered at each boring location at intervals of 4 feet to a maximum depth of 20 feet bsg or until refusal was reached (multiple refusals were encounter at 5 to 6 fbg before 2MW-01 could be completed at a depth of 20 fbg).

Subsurface soils encountered at the Site during the extension of the soil borings generally consisted of fine to medium sands, silt and sands with gravel. Saturated soils began at depths of approximately 8 to 10 fbg. No field evidence of contamination was observed at any boring location, with the exception of mild odors in saturated soil at boring 2MW-02.

Soil samples were collected directly from the acetate sleeves utilizing clean, disposable equipment. Soil collection for VOC analysis was conducted according to USEPA Method 5035 fieldwork protocols, utilizing laboratory sampling kits. Boring logs are provided in Attachment B.

Monitoring Well Installation

All five soil borings (2MW-01 through 2MW-05) were completed as permanent monitoring wells. Each well was constructed of PVC casing and 0.01-inch slotted PVC well screening (screen interval from 18 to 6 feet below grade). Well 2MW-01 was constructed as a one-inch diameter well based on soil conditions; all other borings were completed as two-inch wells. The annular space between the well screen and the borehole was backfilled with clean #1 silica sand and a one-foot thick bentonite seal was poured above the sand. The annular space above the bentonite seal was then filled with clean sand (rather than concrete) in order to allow required movement of the metal sidewalk cover during future site work. Well casings were equipped with gripper caps and were finished with "drive-over" covers. The height of each well casing was determined based on existing survey data for the immediate surrounding sidewalk pavement, for use in determining relative groundwater elevations prior to sampling activities. Well construction diagrams are provided in Attachment B.

2.3 Laboratory Analysis

2.3.1 Standards, Criteria and/or Guidance

Laboratory results for organic compounds and metals detected in soils are compared to NYSDEC Remedial Program Soil Cleanup Objectives (SCOs) for Unrestricted Use (UU) and Restricted-Residential Use (RRU) as provided in 6 NYCRR Subpart 375, Tables 375-6.8(a) and 375-6.8(b), and (as needed) Soil Cleanup Levels (for gasoline and fuel oil contaminated Soils) presented in NYSDEC CP-51 (Soil Cleanup Guidance, October 2010) Tables 2 through 3.

2.3.2 Sample Submission

Soil samples at monitoring wells were collected from the soil stratum intercepting the groundwater table, in accordance with the NYSDEC approved SMP and Quality Assurance Project Plan (additional sampling was not conduced, based on an absence of relevant field evidence of contamination). All soil samples were analyzed for VOCs using USEPA Method 8260, SVOCs using USEPA Method 8270 and TAL metals using USEPA Method 6010/7043

2.3.3 Laboratory Results

A summary of the results of the laboratory analyses is presented below. Results are referenced as parts per million (ppm, equivalent to milligrams per kilogram) for soil. Data summary tables and the laboratory reports are provided as Attachments C and D, respectively.

VOCs

Acetone was detected above the UU SCO (0.05 ppm) in 2MW-01 10 (0.1 ppm) and 2MW-02 8-10 (0.07 ppm); no other VOCs were detected above SCOs. A low level of methylcyclohexane (0.06 ppm) was detected in 2MW-05 11 and trace levels of acetone and 2-Butanone were detected in several samples.

SVOCs

Slightly elevated concentrations of polycyclic aromatic hydrocarbons (PAHs), above UU SCOs and/or RRU SCOs, were detected in 2MW-01 9-11 and 2MW-02 8-10. No SVOCs were detected at any other well locations.

Metals

Barium (2,020 ppm) and lead (2,610 ppm) were detected above RRU SCOs (400 ppm for each compound) in 2MW-01 9-11. Additional metals were detected above UU SCOs at 2MW-01 9-11 and 2MW-02 8-10.

3.0 CONCLUSIONS AND RECOMMENDATIONS

This office has completed the services summarized in Section 2.0, including extension of five (5) borings in sidewalks immediately adjoining the site to the north and west, and completion of borings as permanent monitoring wells, in accordance with the Site Management Plan, to document the effectiveness of the remedial actions completed at the site.

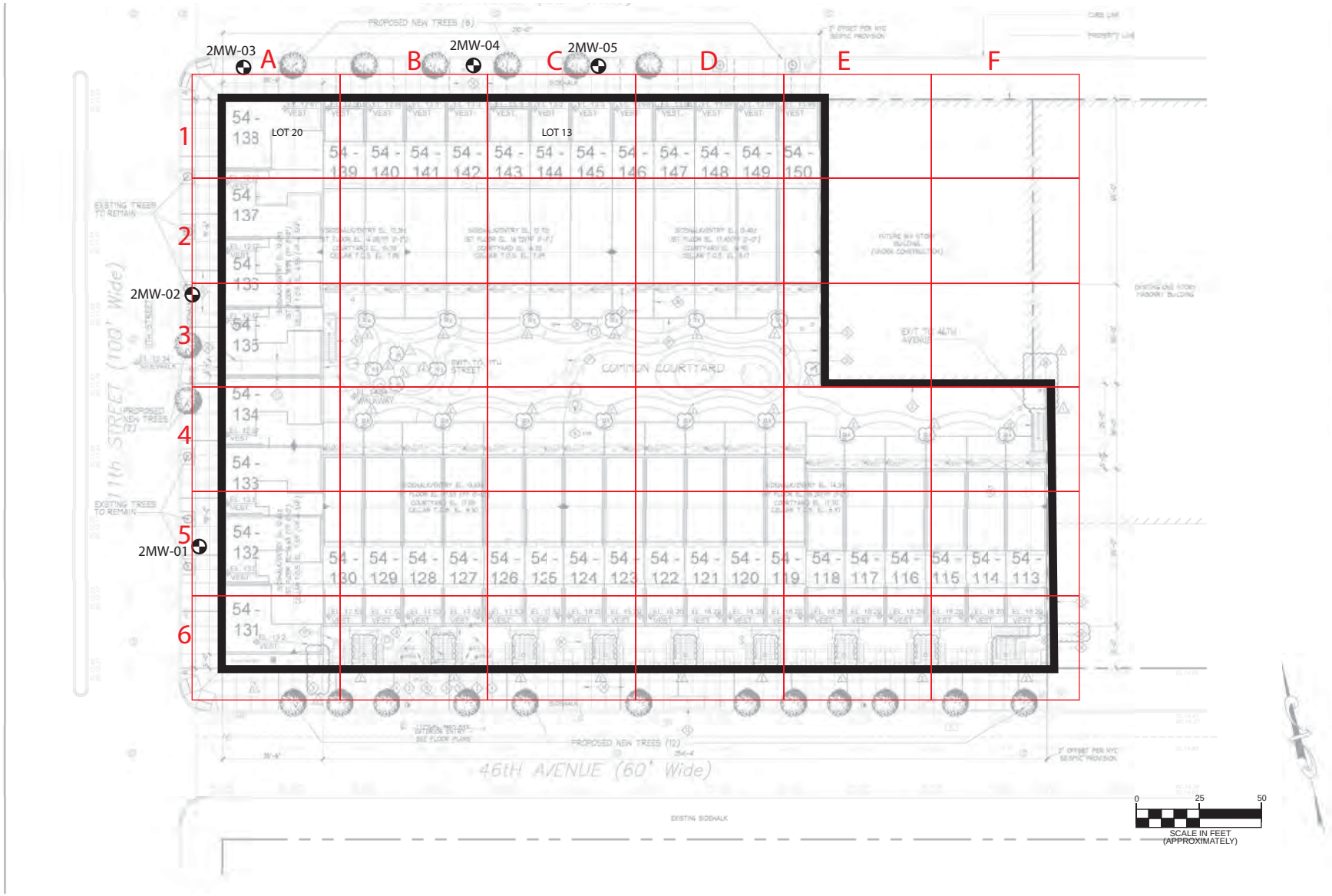
No significant field evidence of contamination was encountered in borings (minimal odors were noted at 2MW-02) and laboratory analysis documents an absence of any significant petroleum compounds or arsenic (contaminants of concern identified during previous Site investigation) in soil. These findings support the conclusion that the remediation at the Site was effective.

No further investigation or remediation of soil is recommended.

At the NYSDEC's recommendation, groundwater monitoring will continue in compliance with the SMP. The need for any additional treatment of soil and groundwater will be determined in consultation with NYSDEC, based on the results of post-remediation groundwater monitoring.

ATTACHMENT A

Fieldwork Map



Base map provided by Perkin Eastman dated September 9, 2014. All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Fieldwork Map

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

Legend:

- subject property border
- monitoring well location

WCD File: GQ14076.50

June 2018

Scale as shown

Attachment A

ATTACHMENT B

Boring Logs and Well Construction Diagrams

Soil Boring Log

2MW-01 (SHEET 1 OF 1)	GDC-LIC Monitoring Well Installation 45-35 11th Street, Long Island City, Queens, New York NYSDEC BCP ID: C241172	WCD FILE GQ14076.53
	DATE: 2018-03-20 DRILLER (RIG) Core Down Drilling (54DT Geoprobe, 4' macro-core) WCD STAFF: C. Siegrist WEATHER: overcast, 39 °F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE SIDEWALK (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (50%)	Brown, F-C silty SAND, some rock (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (50%)	Brown, F-C silty SAND, trace wood (Fill) Brown F SAND, some vegetative matter and brick	Dry Moist	0.0 0.0	ND ND	ND ND	ND ND	
8 – 12' (65%)	Brown M SAND overlaying black SILT and dark brown M SAND, some gravel ******* Saturated at 9.5' *****	Wet	0.0	ND	ND	ND	**(9-11)**
12 – 16' (0%)	No recovery	NA	NA	NA	NA	NA	
16 – 20' (0%)	No recovery ******* End of Boring at 20' *****	NA	NA	NA	NA	NA	

Notes

Fill Materials

~0 – 7'

Field Evidence of Contamination

No obvious contamination observed

Saturated Soils

~9.5-18'

Field Notes

Monitoring well set at approximately 18' bsg (1"), screen from approximately 18' to 8' bsg

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

2MW-02 (Sheet 1 of 1)	GDC-LIC Monitoring Well Installation 45-35 11th Street, Long Island City, Queens, New York NYSDEC BCP ID: C241172	WCD File GQ14076.53
	Date: 2018-03-22	Driller (Rig): Core Down Drilling (54DT Geoprobe, 4' macro-core)
	WCD Staff: C. Siegrist	Weather: sunny, 50 °F

Boring Interval (recovery)	Surface Material: Concrete Sidewalk (4") Soil / Material Description	Moisture	PID (ppm)	Odors	Staining	NAPL	Samples Collected
0 – 4' (75%)	Brown, F-M SAND, some rock, trace silt (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (40%)	Brown, F-M SAND, some rock, trace silt (Fill)	Moist	0.0	ND	ND	ND	
	Dark gray and red-brown mottled, F SAND, trace clay	Wet	0.0	ND	ND	ND	
8 – 12' (65%)	Gray-brown M-C SAND and F GRAVEL overlying black F-C SAND	Wet	0.0	Mild	ND	ND	**(9-11)**
	Gray-brown F SAND , trace clay	Wet	0.0	ND	ND	ND	
	****** Saturated at 9' *****						
12 – 16' (65%)	F-C black SAND, some clay	Wet	3.8	Mild	ND	ND	**(14-16)**
	Dark gray CLAY and ORGANIC MATTER	Wet	4.6	Mild	ND	ND	
16 – 20' (0%)	No recovery	Dry	0.0	ND	ND	ND	
	****** End of Boring at 17' *****						

Notes

Fill Materials

~0 – 8'

Field Evidence of Contamination

@ 8.5-16' – mild odor

Saturated Soils

~9-17'

Field Notes

Monitoring well set at approximately 17' bsg (2"), screen from approximately 17' to 7' bsg

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

2MW-03 (Sheet 1 of 1)	GDC-LIC Monitoring Well Installation 45-35 11th Street, Long Island City, Queens, New York NYSDEC BCP ID: C241172	WCD File GQ14076.53
	Date: 2018-03-20	Driller (Rig) Core Down Drilling (54DT Geoprobe, 4' macro-core)
	WCD Staff: C. Siegrist	Weather: overcast, 39 °F

Boring Interval (recovery)	Surface Material: Concrete Sidewalk (4") Soil / Material Description	Moisture	PID (ppm)	Odors	Staining	NAPL	Samples Collected
0 – 4' (65%)	Brown and dark brown M-C SAND, some silt, trace weathered brick (Fill)	Dry	0.0	ND	ND	ND	
	Light brown F SAND	Dry	0.0	ND	ND	ND	
4 – 8' (50%)	Reddish brown F SAND	Moist -Wet	0.0	ND	ND	ND	**(6-10)**
8 – 12' (25%)	Reddish brown F SAND	Wet	0.0	ND	ND	ND	**(6-10)**
	****** Saturated at 8' *****						
12 – 16' (0%)	No recovery	NA	NA	NA	NA	NA	
16 – 20' (0%)	No recovery	NA	NA	NA	NA	NA	
	****** End of Boring at 18'*****						

Notes

Fill Materials

~0 – 4'

Field Evidence of Contamination

No obvious contamination observed

Saturated Soils

~8-17'

Field Notes

Monitoring well set at approximately 16' bsg (2"), screen from approximately 16' to 6' bsg

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

2MW-04 (Sheet 1 of 1)	GDC-LIC Monitoring Well Installation 45-35 11th Street, Long Island City, Queens, New York NYSDEC BCP ID: C241172	WCD File GQ14076.53
	Date: 2018-03-22 Driller (Rig) Core Down Drilling (54DT Geoprobe, 4' macro-core)	
	WCD Staff: C. Siegrist Weather: sunny, 50 °F	

Boring Interval (recovery)	Surface Material: Concrete Sidewalk (5") Soil / Material Description	Moisture	PID (ppm)	Odors	Staining	NAPL	Samples Collected
0 – 4' (75%)	Black, C SAND, trace slag (Fill)	Dry	0.1	ND	ND	ND	
	Brown, M SAND	Dry	0.0	ND	ND	ND	
4 – 8' (65%)	Brown, M SAND	Moist	0.0	ND	ND	ND	
8 – 12' (65%)	Brown, M SAND	Wet	0.0	ND	ND	ND	**(8-12)**
	****** Saturated at 8.5' *****						
12 – 16' (50%)	Brown, M SAND	Wet	0.0	ND	ND	ND	
16 – 20' (0%)	No recovery	NA	NA	NA	NA	NA	
	****** End of Boring (Refusal) at 16'*****						

Notes

Fill Materials

~0 – 4'

Field Evidence of Contamination

No obvious contamination observed

Saturated Soils

~8.5-17'

Field Notes

Monitoring well set at approximately 16' bsg (2"), screen from approximately 16' to 6' bsg

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

2MW-05 (Sheet 1 of 1)	GDC-LIC Monitoring Well Installation 45-35 11th Street, Long Island City, Queens, New York NYSDEC BCP ID: C241172	WCD File GQ14076.53
	Date: 2018-03-22 Driller (Rig) Core Down Drilling (54DT Geoprobe, 4' macro-core)	
	WCD Staff: C. Siegrist Weather: sunny, 50 °F	

Boring Interval (recovery)	Surface Material: Concrete Sidewalk (5") Soil / Material Description	Moisture	PID (ppm)	Odors	Staining	NAPL	Samples Collected
0 – 4' (75%)	Black, F GRAVEL and gray CLAY, mottled	Dry	0.0	ND	ND	ND	
	Red-brown, M SAND	Dry	0.0	ND	ND	ND	
4 – 8' (75%)	Red-brown, M SAND	Dry-Moist	0.0	ND	ND	ND	
8 – 12' (65%)	Red-brown, M SAND	Wet	0.0	ND	ND	ND	**(8-12)**
	****** Saturated at 10' *****						
12 – 16' (100%)	Brown, M SAND	Wet	0.1	ND	ND	ND	
16 – 20' (0%)	No recovery	NA	NA	NA	NA	NA	
	****** End of Boring at 18'*****						

Notes

Fill Materials

~0 – 4'

Field Evidence of Contamination

No obvious contamination observed

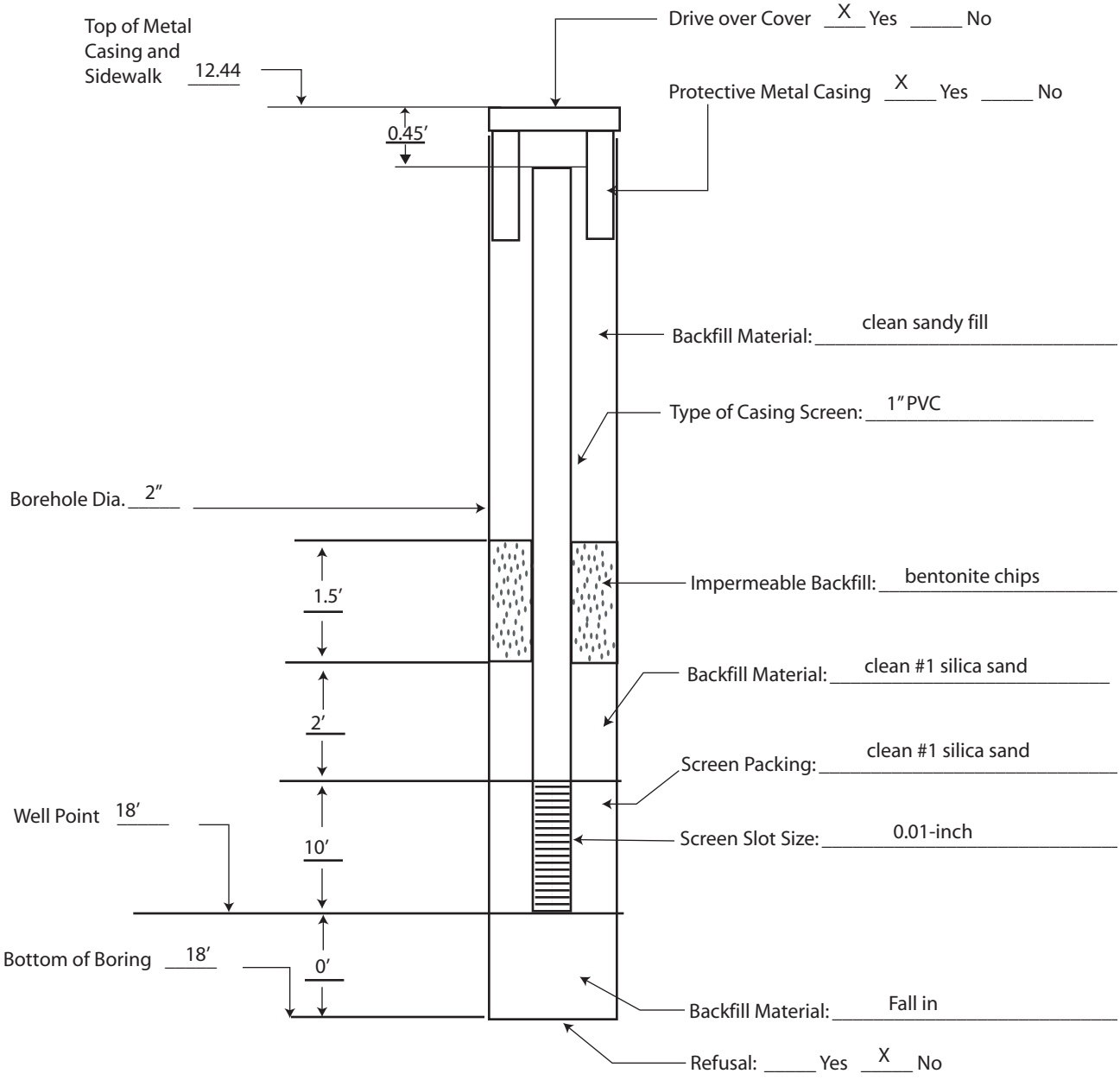
Saturated Soils

~10-18'

Field Notes

Monitoring well set at approximately 18' bsg (2"), screen from approximately 18' to 8' bsg

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)



Materials Used:

- Screen (PVC)
- Riser (PVC)
- Plug (PVC)
- Silica Sand
- Bentonite Chips

Monitor Well Installation Detail - 2MW-01

(installed 3/20/18)

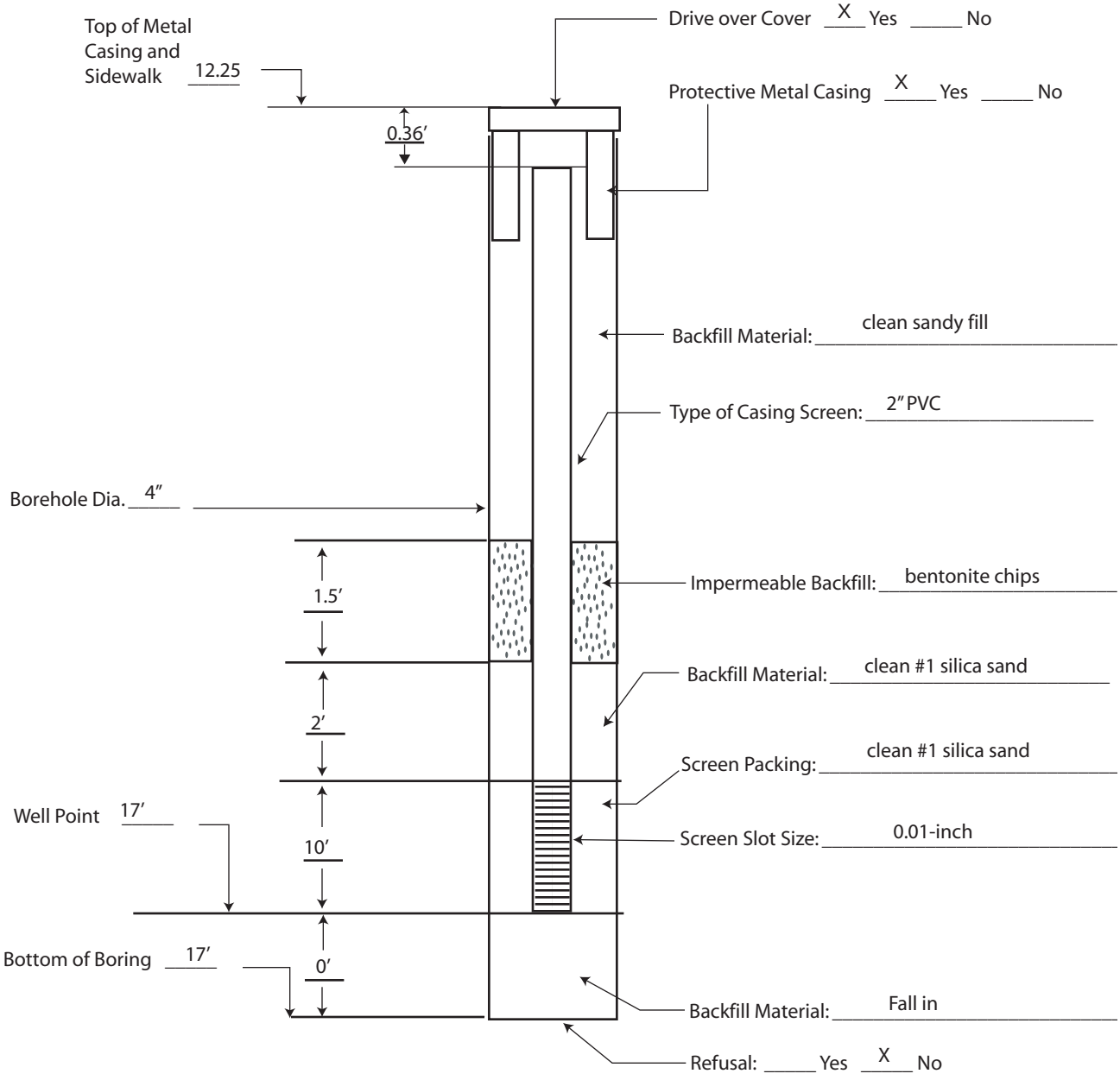
45-35 11th Street and 11-22 45th Road

Queens, New York

WCD File: GQ14076.50

June 2018

Attachment A



Materials Used:

- Screen (PVC)
- Riser (PVC)
- Plug (PVC)
- Silica Sand
- Bentonite Chips

Monitor Well Installation Detail - 2MW-02

(installed 3/22/18)

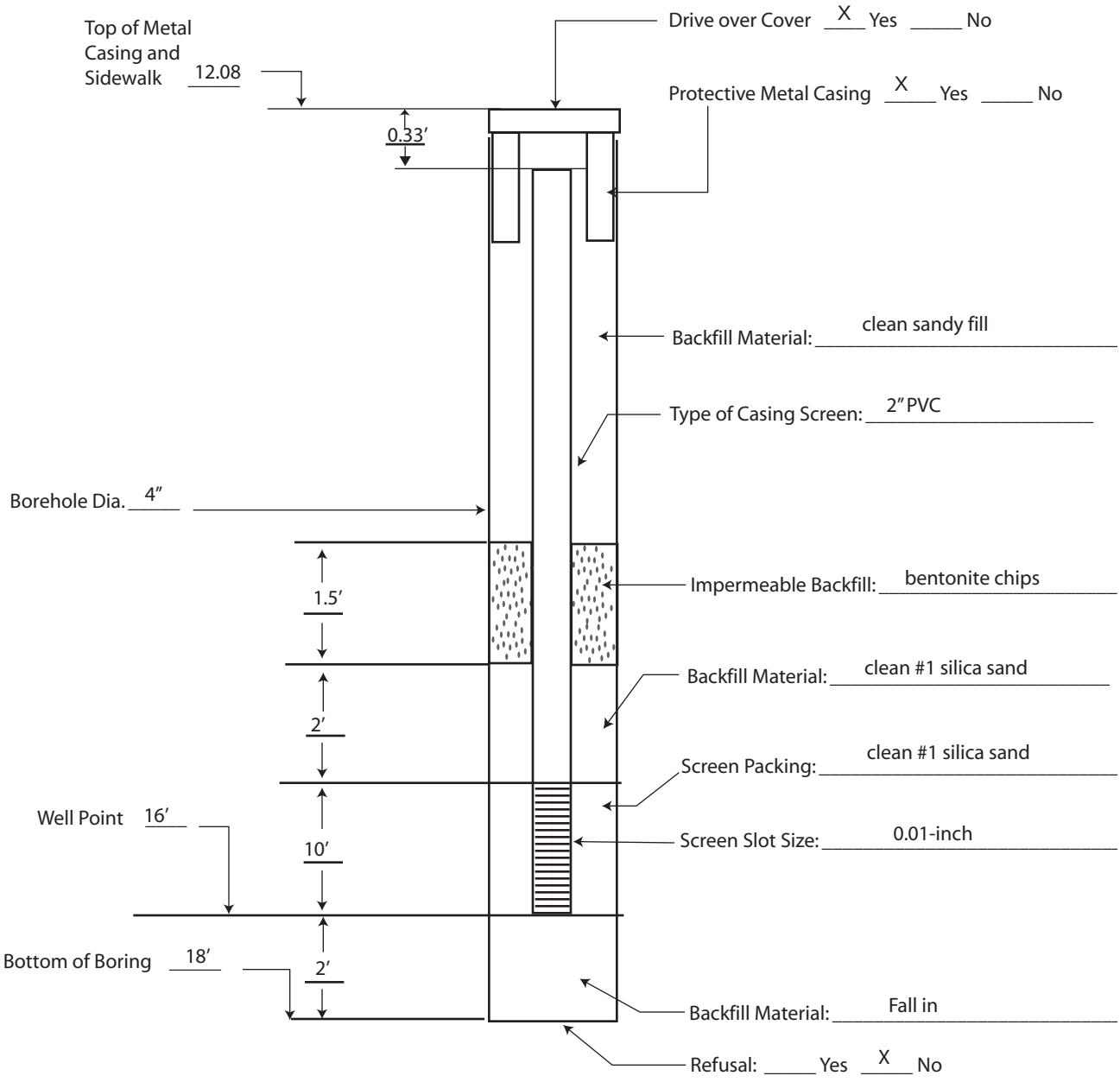
45-35 11th Street and 11-22 45th Road

Queens, New York

WCD File: GQ14076.50

June 2018

Attachment A



Materials Used:

- Screen (PVC)
- Riser (PVC)
- Plug (PVC)
- Silica Sand
- Bentonite Chips

Monitor Well Installation Detail - 2MW-03

(installed 3/20/18)

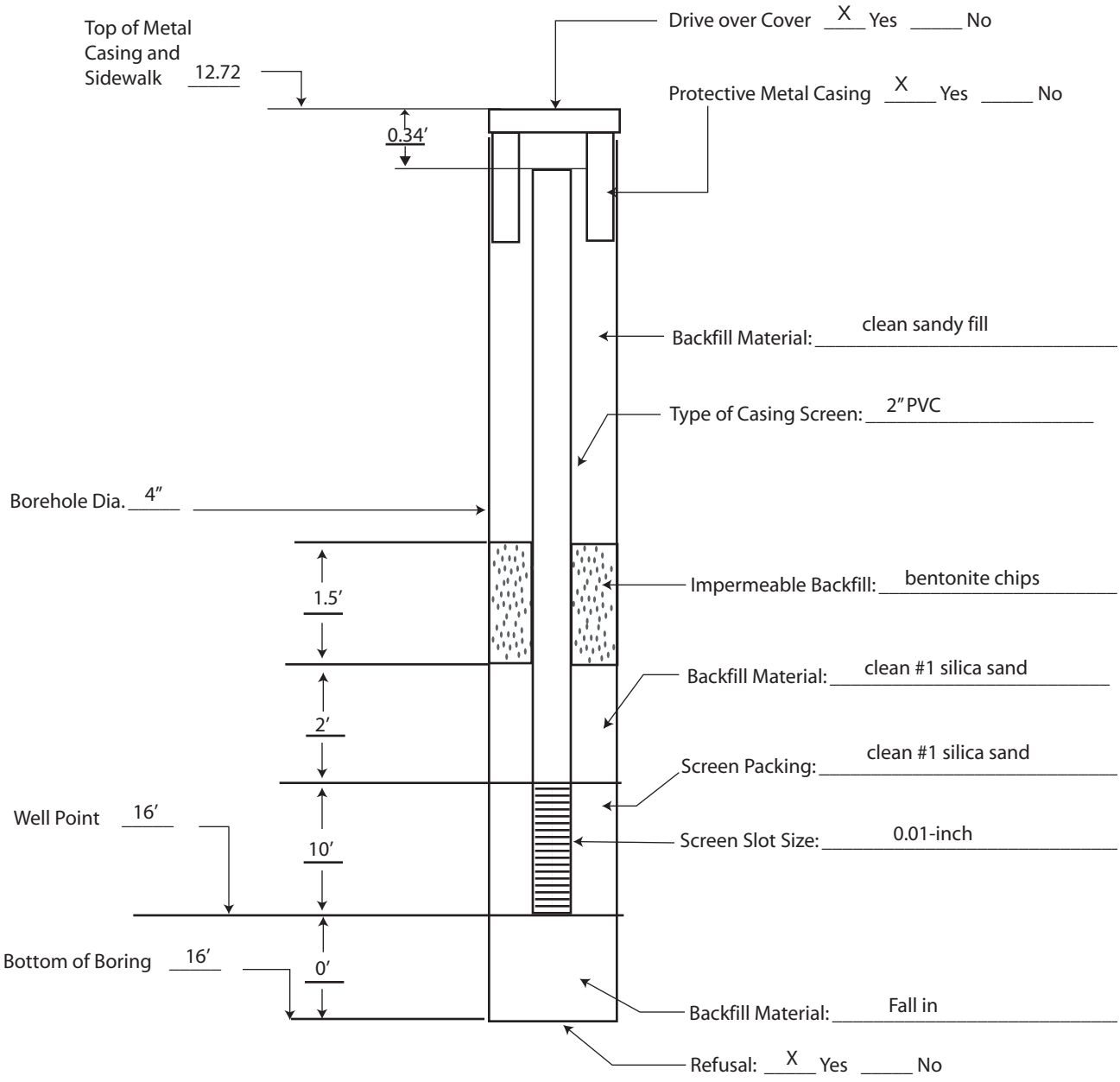
45-35 11th Street and 11-22 45th Road

Queens, New York

WCD File: GQ14076.50

June 2018

Attachment A



Materials Used:

- Screen (PVC)
- Riser (PVC)
- Plug (PVC)
- Silica Sand
- Bentonite Chips

Monitor Well Installation Detail - 2MW-04

(installed 3/22/18)

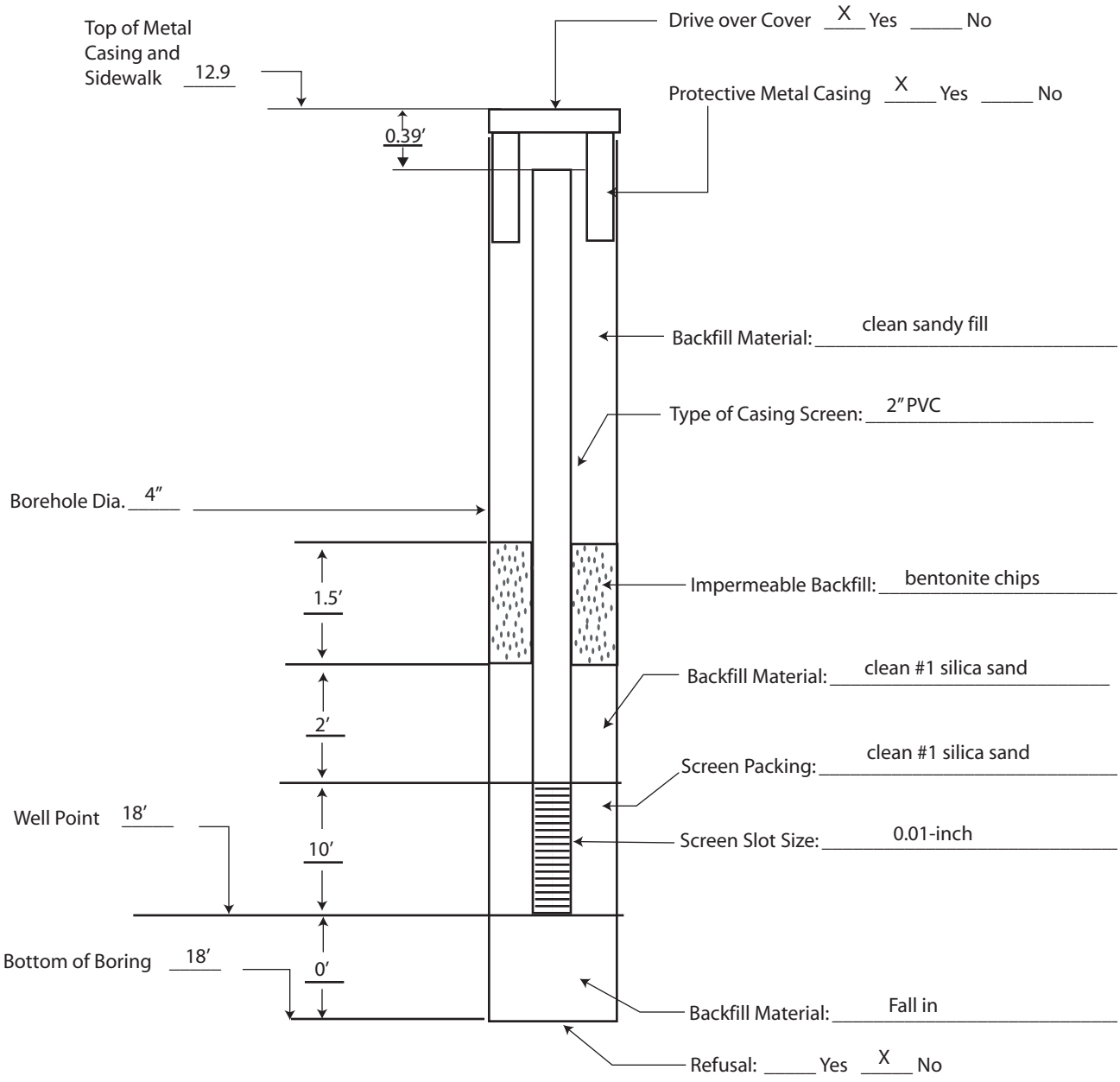
45-35 11th Street and 11-22 45th Road

Queens, New York

WCD File: GQ14076.50

June 2018

Attachment A



Materials Used:

- Screen (PVC)
- Riser (PVC)
- Plug (PVC)
- Silica Sand
- Bentonite Chips

Monitor Well Installation Detail - 2MW-05

(installed 3/22/18)

45-35 11th Street and 11-22 45th Road

Queens, New York

WCD File: GQ14076.50

June 2018

Attachment A

ATTACHMENT C

Data Summary Tables

Table 1: VOCs in Soils
NYSDEC BCP Site ID:C241172
WCD File: GQ14076

All data in mg/Kg (ppm)			**Sample ID**	**2MW-01 10**		**2MW-02 9**		**2MW-03 8**		**2MW-04 8**	
U= Not Detected ≥ indicated value			Sample Date	(2018-03-20)		(2018-03-22)		(2018-03-20)		(2018-03-22)	
Data above SCOs shown in **Bold**			Dilution Factor	1		1		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**		*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,1,1-Trichloroethane	0.68	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,1,2,2-Tetrachloroethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,1,2-Trichloroethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,1-Dichloroethane	0.27	26		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2,3-Trichlorobenzene	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2,3-Trichloropropane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2,4-Trichlorobenzene	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2,4-Trimethylbenzene	3.6	52		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2-Dibromo-3-chloropropane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2-Dibromoethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2-Dichlorobenzene	1.1	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2-Dichloroethane	0.02	3.1		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,2-Dichloropropane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,3,5-Trimethylbenzene	8.4	52		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,3-Dichlorobenzene	2.4	49		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,4-Dichlorobenzene	1.8	13		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
1,4-Dioxane	0.1	13		0.066	*U*	0.073	*U*	0.041	*U*	0.042	*U*
2-Butanone (MEK)	0.12	100		0.026		0.026		0.002	*U*	0.0021	*U*
2-Hexanone	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
4-Methyl-2-pentanone	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Acetone	0.05	100		0.1		0.07		0.0091		0.0042	*U*
Acrolein	NA	NA		0.0066	*U*	0.0073	*U*	0.0041	*U*	0.0042	*U*
Acrylonitrile	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Benzene	0.06	4.8		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Bromochloromethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Bromodichloromethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Bromoform	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Bromomethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Carbon disulfide	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Carbon tetrachloride	0.76	2.4		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Chlorobenzene	1.1	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Chloroethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Chloroform	0.37	49		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Chloromethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
cis-1,3-Dichloropropylene	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Cyclohexane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Dibromochloromethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Dibromomethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Dichlorodifluoromethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Ethyl Benzene	1	41		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Hexachlorobutadiene	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Isopropylbenzene	2.3	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Methyl acetate	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Methyl tert-butyl ether (MTBE)	0.93	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Methylcyclohexane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Methylene chloride	0.05	100		0.0066	*U*	0.0073	*U*	0.0041	*U*	0.0042	*U*
n-Butylbenzene	12	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
n-Propylbenzene	3.9	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
o-Xylene	0.26	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
p- & m- Xylenes	0.26	100		0.0066	*U*	0.0073	*U*	0.0041	*U*	0.0042	*U*
p-Isopropyltoluene	10	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
sec-Butylbenzene	11	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Styrene	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
tert-Butyl alcohol (TBA)	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
tert-Butylbenzene	5.9	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Tetrachloroethylene (PCE)	1.3	19		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Toluene	0.7	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
trans-1,3-Dichloropropylene	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Trichloroethylene (TCE)	0.47	21		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Trichlorofluoromethane	NA	NA		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Vinyl chloride (VC)	0.02	0.9		0.0033	*U*	0.0037	*U*	0.002	*U*	0.0021	*U*
Xylenes, Total	0.26	100		0.0099	*U*	0.011	*U*	0.0061	*U*	0.0063	*U*

Analyte Detected
Analyte Above UUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 1: VOCs in Soils

NYSDEC BCP Site ID:C241172

WCD File: GQ14076

All data in mg/Kg (ppm)			**Sample ID**	**2MW-05 11**		**Dup 20180322** (2MW-04)	
U= Not Detected ≥ indicated value			Sample Date	(2018-03-22)		(2018-03-22)	
Data above SCOs shown in **Bold**			Dilution Factor	1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.002	*U*	0.0022	*U*
1,1,1-Trichloroethane	0.68	100	0.002	*U*	0.0022	*U*
1,1,2,2-Tetrachloroethane	NA	NA	0.002	*U*	0.0022	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.002	*U*	0.0022	*U*
1,1,2-Trichloroethane	NA	NA	0.002	*U*	0.0022	*U*
1,1-Dichloroethane	0.27	26	0.002	*U*	0.0022	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.002	*U*	0.0022	*U*
1,2,3-Trichlorobenzene	NA	NA	0.002	*U*	0.0022	*U*
1,2,3-Trichloropropane	NA	NA	0.002	*U*	0.0022	*U*
1,2,4-Trichlorobenzene	NA	NA	0.002	*U*	0.0022	*U*
1,2,4-Trimethylbenzene	3.6	52	0.002	*U*	0.0022	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.002	*U*	0.0022	*U*
1,2-Dibromoethane	NA	NA	0.002	*U*	0.0022	*U*
1,2-Dichlorobenzene	1.1	100	0.002	*U*	0.0022	*U*
1,2-Dichloroethane	0.02	3.1	0.002	*U*	0.0022	*U*
1,2-Dichloropropane	NA	NA	0.002	*U*	0.0022	*U*
1,3,5-Trimethylbenzene	8.4	52	0.002	*U*	0.0022	*U*
1,3-Dichlorobenzene	2.4	49	0.002	*U*	0.0022	*U*
1,4-Dichlorobenzene	1.8	13	0.002	*U*	0.0022	*U*
1,4-Dioxane	0.1	13	0.04	*U*	0.044	*U*
2-Butanone (MEK)	0.12	100	0.002	*U*	0.0022	*U*
2-Hexanone	NA	NA	0.002	*U*	0.0022	*U*
4-Methyl-2-pentanone	NA	NA	0.002	*U*	0.0022	*U*
Acetone	0.05	100	0.0069	*J*	0.0044	*U*
Acrolein	NA	NA	0.004	*U*	0.0044	*U*
Acrylonitrile	NA	NA	0.002	*U*	0.0022	*U*
Benzene	0.06	4.8	0.002	*U*	0.0022	*U*
Bromochloromethane	NA	NA	0.002	*U*	0.0022	*U*
Bromodichloromethane	NA	NA	0.002	*U*	0.0022	*U*
Bromoform	NA	NA	0.002	*U*	0.0022	*U*
Bromomethane	NA	NA	0.002	*U*	0.0022	*U*
Carbon disulfide	NA	NA	0.002	*U*	0.0022	*U*
Carbon tetrachloride	0.76	2.4	0.002	*U*	0.0022	*U*
Chlorobenzene	1.1	100	0.002	*U*	0.0022	*U*
Chloroethane	NA	NA	0.002	*U*	0.0022	*U*
Chloroform	0.37	49	0.002	*U*	0.0022	*U*
Chloromethane	NA	NA	0.002	*U*	0.0022	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.002	*U*	0.0022	*U*
cis-1,3-Dichloropropylene	NA	NA	0.002	*U*	0.0022	*U*
Cyclohexane	NA	NA	0.002	*U*	0.0022	*U*
Dibromochloromethane	NA	NA	0.002	*U*	0.0022	*U*
Dibromomethane	NA	NA	0.002	*U*	0.0022	*U*
Dichlorodifluoromethane	NA	NA	0.002	*U*	0.0022	*U*
Ethyl Benzene	1	41	0.002	*U*	0.0022	*U*
Hexachlorobutadiene	NA	NA	0.002	*U*	0.0022	*U*
Isopropylbenzene	2.3	100	0.002	*U*	0.0022	*U*
Methyl acetate	NA	NA	0.002	*U*	0.0022	*U*
Methyl tert-butyl ether (MTBE)	0.93	100	0.002	*U*	0.0022	*U*
Methylcyclohexane	NA	NA	0.06		0.0022	*U*
Methylene chloride	0.05	100	0.004	*U*	0.0044	*U*
n-Butylbenzene	12	100	0.002	*U*	0.0022	*U*
n-Propylbenzene	3.9	100	0.002	*U*	0.0022	*U*
o-Xylene	0.26	100	0.002	*U*	0.0022	*U*
p- & m- Xylenes	0.26	100	0.004	*U*	0.0044	*U*
p-Isopropyltoluene	10	NA	0.002	*U*	0.0022	*U*
sec-Butylbenzene	11	100	0.002	*U*	0.0022	*U*
Styrene	NA	NA	0.002	*U*	0.0022	*U*
tert-Butyl alcohol (TBA)	NA	NA	0.002	*U*	0.0022	*U*
tert-Butylbenzene	5.9	100	0.002	*U*	0.0022	*U*
Tetrachloroethylene (PCE)	1.3	19	0.002	*U*	0.0022	*U*
Toluene	0.7	100	0.002	*U*	0.0022	*U*
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.002	*U*	0.0022	*U*
trans-1,3-Dichloropropylene	NA	NA	0.002	*U*	0.0022	*U*
Trichloroethylene (TCE)	0.47	21	0.002	*U*	0.0022	*U*
Trichlorofluoromethane	NA	NA	0.002	*U*	0.0022	*U*
Vinyl chloride (VC)	0.02	0.9	0.002	*U*	0.0022	*U*
Xylenes, Total	0.26	100	0.006	*U*	0.0066	*U*

Analyte Detected

Analyte Above UUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

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

Table 2: SVOCs in Soils
NYSDEC BCP ID: C241172
WCD File: GQ14076

All data in mg/Kg (ppm)			**Sample ID**	**2MW-01 9-11**		**2MW-02 8-10**		**2MW-03 6-10**		**2MW-04 8-12**	
U= Not Detected ≥ indicated value			Sample Date	(2018-03-20)		(2018-03-22)		(2018-03-20)		(2018-03-22)	
Data above SCOs shown in **Bold**			Dilution Factor	2		2		2		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**		*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
1,2,4-Trichlorobenzene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
1,2-Dichlorobenzene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
1,2-Diphenylhydrazine (Azobenzene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
1,3-Dichlorobenzene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
1,4-Dichlorobenzene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2,3,4,6-Tetrachlorophenol	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
2,4,5-Trichlorophenol	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2,4,6-Trichlorophenol	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2,4-Dichlorophenol	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2,4-Dimethylphenol	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2,4-Dinitrophenol	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
2,4-Dinitrotoluene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2,6-Dinitrotoluene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2-Chloronaphthalene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2-Chlorophenol	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2-Methylnaphthalene	NA	NA		0.0572	*U*	0.0627	*JD*	0.0458	*U*	0.0504	*U*
2-Methylphenol	0.33	100		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
2-Nitroaniline	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
2-Nitrophenol	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
3- & 4-Methylphenols	0.33	100		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
3,3'-Dichlorobenzidine	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
3-Nitroaniline	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
4,6-Dinitro-2-methylphenol	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
4-Bromophenyl phenyl ether	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
4-Chloro-3-methylphenol	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
4-Chloroaniline	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
4-Chlorophenyl phenyl ether	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
4-Nitroaniline	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
4-Nitrophenol	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
Acenaphthene	20	100		0.124	*D*	0.285	*D*	0.0458	*U*	0.0504	*U*
Acenaphthylene	100	100		0.118	*D*	0.343	*D*	0.0458	*U*	0.0504	*U*
Acetophenone	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Aniline	NA	NA		0.228	*U*	0.209	*U*	0.183	*U*	0.201	*U*
Anthracene	100	100		0.419	*D*	0.33	*D*	0.0458	*U*	0.0504	*U*
Atrazine	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Benzaldehyde	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Benzidine	NA	NA		0.228	*U*	0.209	*U*	0.183	*U*	0.201	*U*
Benzo(a)anthracene	1	1		**1.54**	*D*	1	*D*	0.0458	*U*	0.0504	*U*
Benzo(a)pyrene	1	1		**1.46**	*D*	**1.09**	*D*	0.0458	*U*	0.0504	*U*
Benzo(b)fluoranthene	1	1		**1.17**	*D*	0.838	*D*	0.0458	*U*	0.0504	*U*
Benzo(g,h,i)perylene	100	100		0.875	*D*	0.781	*D*	0.0458	*U*	0.0504	*U*
Benzo(k)fluoranthene	0.8	3.9		1.09	*D*	0.714	*D*	0.0458	*U*	0.0504	*U*
Benzoic acid	NA	NA		0.565	*D*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Benzyl alcohol	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Benzyl butyl phthalate	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Bis(2-chloroethoxy)methane	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Bis(2-chloroethyl)ether	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Bis(2-chloroisopropyl)ether	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Bis(2-ethylhexyl)phthalate	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Caprolactam	NA	NA		0.114	*U*	0.105	*U*	0.0915	*U*	0.101	*U*
Carbazole	NA	NA		0.197	*D*	0.0644	*JD*	0.0458	*U*	0.0504	*U*
Chrysene	1	3.9		1.19	*D*	0.796	*D*	0.0458	*U*	0.0504	*U*
Dibenzo(a,h)anthracene	0.33	0.33		0.134	*D*	0.159	*D*	0.0458	*U*	0.0504	*U*
Dibenzofuran	7	59		0.0948	*JD*	0.145	*D*	0.0458	*U*	0.0504	*U*
Diethyl phthalate	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Dimethyl phthalate	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Di-n-butyl phthalate	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Di-n-octyl phthalate	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Fluoranthene	100	100		3.04	*D*	2.23	*D*	0.0458	*U*	0.0504	*U*
Fluorene	30	100		0.144	*D*	0.308	*D*	0.0458	*U*	0.0504	*U*
Hexachlorobenzene	0.33	1.2		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Hexachlorobutadiene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Hexachlorocyclopentadiene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Hexachloroethane	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5		**0.809**	*D*	**0.61**	*D*	0.0458	*U*	0.0504	*U*
Isophorone	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Naphthalene	12	100		0.0611	*JD*	0.191	*D*	0.0458	*U*	0.0504	*U*
Nitrobenzene	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
N-Nitrosodimethylamine	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
N-nitroso-di-n-propylamine	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
N-Nitrosodiphenylamine	NA	NA		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Pentachlorophenol	0.8	6.7		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Phenanthrene	100	100		1.78	*D*	0.919	*D*	0.0458	*U*	0.0504	*U*
Phenol	0.33	100		0.0572	*U*	0.0524	*U*	0.0458	*U*	0.0504	*U*
Pyrene	100	100		2.46	*D*	1.79	*D*	0.0458	*U*	0.0504	*U*

Analyte Detected
Analyte Above UUSCO
Analyte Above RRUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: SVOCs in Soils
NYSDEC BCP ID: C241172
WCD File: GQ14076

All data in mg/Kg (ppm)			**Sample ID**	**2MW-05 8-12**		**Dup 20180322** (2MW-04)	
U= Not Detected ≥ indicated value			Sample Date	(2018-03-22)		(2018-03-22)	
Data above SCOs shown in **Bold**			Dilution Factor	2		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.0518	*U*	0.0495	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.103	*U*	0.0988	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0518	*U*	0.0495	*U*
1,2-Dichlorobenzene	NA	NA	0.0518	*U*	0.0495	*U*
1,2-Diphenylhydrazine (Azobenzene	NA	NA	0.0518	*U*	0.0495	*U*
1,3-Dichlorobenzene	NA	NA	0.0518	*U*	0.0495	*U*
1,4-Dichlorobenzene	NA	NA	0.0518	*U*	0.0495	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.103	*U*	0.0988	*U*
2,4,5-Trichlorophenol	NA	NA	0.0518	*U*	0.0495	*U*
2,4,6-Trichlorophenol	NA	NA	0.0518	*U*	0.0495	*U*
2,4-Dichlorophenol	NA	NA	0.0518	*U*	0.0495	*U*
2,4-Dimethylphenol	NA	NA	0.0518	*U*	0.0495	*U*
2,4-Dinitrophenol	NA	NA	0.103	*U*	0.0988	*U*
2,4-Dinitrotoluene	NA	NA	0.0518	*U*	0.0495	*U*
2,6-Dinitrotoluene	NA	NA	0.0518	*U*	0.0495	*U*
2-Chloronaphthalene	NA	NA	0.0518	*U*	0.0495	*U*
2-Chlorophenol	NA	NA	0.0518	*U*	0.0495	*U*
2-Methylnaphthalene	NA	NA	0.0518	*U*	0.0495	*U*
2-Methylphenol	0.33	100	0.0518	*U*	0.0495	*U*
2-Nitroaniline	NA	NA	0.103	*U*	0.0988	*U*
2-Nitrophenol	NA	NA	0.0518	*U*	0.0495	*U*
3- & 4-Methylphenols	0.33	100	0.0518	*U*	0.0495	*U*
3,3'-Dichlorobenzidine	NA	NA	0.0518	*U*	0.0495	*U*
3-Nitroaniline	NA	NA	0.103	*U*	0.0988	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.103	*U*	0.0988	*U*
4-Bromophenyl phenyl ether	NA	NA	0.0518	*U*	0.0495	*U*
4-Chloro-3-methylphenol	NA	NA	0.0518	*U*	0.0495	*U*
4-Chloroaniline	NA	NA	0.0518	*U*	0.0495	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.0518	*U*	0.0495	*U*
4-Nitroaniline	NA	NA	0.103	*U*	0.0988	*U*
4-Nitrophenol	NA	NA	0.103	*U*	0.0988	*U*
Acenaphthene	20	100	0.0518	*U*	0.0495	*U*
Acenaphthylene	100	100	0.0518	*U*	0.0495	*U*
Acetophenone	NA	NA	0.0518	*U*	0.0495	*U*
Aniline	NA	NA	0.207	*U*	0.198	*U*
Anthracene	100	100	0.0518	*U*	0.0495	*U*
Atrazine	NA	NA	0.0518	*U*	0.0495	*U*
Benzaldehyde	NA	NA	0.0518	*U*	0.0495	*U*
Benzidine	NA	NA	0.207	*U*	0.198	*U*
Benzo(a)anthracene	1	1	0.0518	*U*	0.0495	*U*
Benzo(a)pyrene	1	1	0.0518	*U*	0.0495	*U*
Benzo(b)fluoranthene	1	1	0.0518	*U*	0.0495	*U*
Benzo(g,h,i)perylene	100	100	0.0518	*U*	0.0495	*U*
Benzo(k)fluoranthene	0.8	3.9	0.0518	*U*	0.0495	*U*
Benzoic acid	NA	NA	0.0518	*U*	0.0495	*U*
Benzyl alcohol	NA	NA	0.0518	*U*	0.0495	*U*
Benzyl butyl phthalate	NA	NA	0.0518	*U*	0.0495	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.0518	*U*	0.0495	*U*
Bis(2-chloroethyl)ether	NA	NA	0.0518	*U*	0.0495	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.0518	*U*	0.0495	*U*
Bis(2-ethylhexyl)phthalate	NA	NA	0.0518	*U*	0.0495	*U*
Caprolactam	NA	NA	0.103	*U*	0.0988	*U*
Carbazole	NA	NA	0.0518	*U*	0.0495	*U*
Chrysene	1	3.9	0.0518	*U*	0.0495	*U*
Dibenzo(a,h)anthracene	0.33	0.33	0.0518	*U*	0.0495	*U*
Dibenzofuran	7	59	0.0518	*U*	0.0495	*U*
Diethyl phthalate	NA	NA	0.0518	*U*	0.0495	*U*
Dimethyl phthalate	NA	NA	0.0518	*U*	0.0495	*U*
Di-n-butyl phthalate	NA	NA	0.0518	*U*	0.0495	*U*
Di-n-octyl phthalate	NA	NA	0.0518	*U*	0.0495	*U*
Fluoranthene	100	100	0.0518	*U*	0.0495	*U*
Fluorene	30	100	0.0518	*U*	0.0495	*U*
Hexachlorobenzene	0.33	1.2	0.0518	*U*	0.0495	*U*
Hexachlorobutadiene	NA	NA	0.0518	*U*	0.0495	*U*
Hexachlorocyclopentadiene	NA	NA	0.0518	*U*	0.0495	*U*
Hexachloroethane	NA	NA	0.0518	*U*	0.0495	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0518	*U*	0.0495	*U*
Isophorone	NA	NA	0.0518	*U*	0.0495	*U*
Naphthalene	12	100	0.0518	*U*	0.0495	*U*
Nitrobenzene	NA	NA	0.0518	*U*	0.0495	*U*
N-Nitrosodimethylamine	NA	NA	0.0518	*U*	0.0495	*U*
N-nitroso-di-n-propylamine	NA	NA	0.0518	*U*	0.0495	*U*
N-Nitrosodiphenylamine	NA	NA	0.0518	*U*	0.0495	*U*
Pentachlorophenol	0.8	6.7	0.0518	*U*	0.0495	*U*
Phenanthrene	100	100	0.0518	*U*	0.0495	*U*
Phenol	0.33	100	0.0518	*U*	0.0495	*U*
Pyrene	100	100	0.0518	*U*	0.0495	*U*

Analyte Detected
Analyte Above UUSCO
Analyte Above RRUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: TAL Metals in Soils

NYSDEC BCP Site ID: C241172
WCD File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2MW-01 9-11**		**2MW-02 8-10**		**2MW-03 6-10**		**2MW-04 8-12**		**2MW-05 8-12**		**Dup 20180322** (2MW-04)	
U= Not Detected ≥ value		Sample Date	(2018-03-20)		(2018-03-22)		(2018-03-20)		(2018-03-22)		(2018-03-22)		(2018-03-22)	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1		1	
7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	11,000		7,400		9,580		4,400		6,100		3,830	
Antimony	NA	NA	0.684	*U*	0.629	*U*	0.55	*U*	0.603	*U*	0.62	*U*	0.592	*U*
Arsenic	13	16	15.1		5.97		2.45		1.21	*U*	1.24	*U*	1.18	*U*
Barium	350	400	**2,020**		62.4		82.7		36.5		34.8		33.3	
Beryllium	7.2	72	0.137	*U*	0.126	*U*	0.11	*U*	0.121	*U*	0.124	*U*	0.118	*U*
Cadmium	2.5	4.3	0.602		0.377	*U*	0.33	*U*	0.362	*U*	0.372	*U*	0.355	*U*
Calcium	NA	NA	6,430		10,400		921		844		864		584	
Chromium	30	180	38.7		14.2		17.7		8.79		7.9		7.26	
Cobalt	NA	NA	14.2		6.43		7.14		5.23		5.16		4.44	
Copper	50	270	101		30.5		24.5		16.2		11.6		20.6	
Iron	NA	NA	29,200		16,200		14,100		7,790		7,400		6,990	
Lead	63	400	**2,610**		76.2		5.28		3.93		3.52		2.26	
Magnesium	NA	NA	4,540		3,150		2,360		1,220		1,330		1,020	
Manganese	1,600	2,000	401		159		444		238		75.9		229	
Mercury	0.18	0.81	0.297		0.272		0.033	*U*	0.0362	*U*	0.0372	*U*	0.0355	*U*
Nickel	30	310	25.3		13.3		17.3		9.02		18		7.82	
Potassium	NA	NA	3,190		1,220		1,290		627		549		530	
Selenium	3.9	180	1.37	*U*	1.26	*U*	1.1	*U*	1.21	*U*	1.24	*U*	1.18	*U*
Silver	2	180	0.684	*U*	0.629	*U*	0.55	*U*	0.603	*U*	0.62	*U*	0.592	*U*
Sodium	NA	NA	459		175		229		146		90.1		141	
Thallium	NA	NA	1.37	*U*	1.26	*U*	1.1	*U*	1.21	*U*	1.24	*U*	1.18	*U*
Vanadium	NA	NA	33.8		17		18		12.7		11.3		10.6	
Zinc	109	10,000	781		73		29.6		37.7		50.5		32.6	

Analyte Detected
Analyte Above UUSCO
Analyte Above RRUSCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

ATTACHMENT D

Laboratory Reports

Technical Report

prepared for:

WCD Group - Poughkeepsie NY
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Gina Wolfman

Report Date: 03/27/2018
Client Project ID: GQ14076
York Project (SDG) No.: 18C0757

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: 03/27/2018
Client Project ID: GQ14076
York Project (SDG) No.: 18C0757

WCD Group - Poughkeepsie NY
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Gina Wolfman

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 March 20, 2018 and listed below. The project was identified as your project: **GQ14076**.

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
18C0757-01	2MW-01 9-11	Soil	03/20/2018	03/20/2018
18C0757-02	2MW-01 10	Soil	03/20/2018	03/20/2018
18C0757-03	2MW-03 6-10	Soil	03/20/2018	03/20/2018
18C0757-04	2MW-03 8	Soil	03/20/2018	03/20/2018
18C0757-05	TB20180320	Water	03/20/2018	03/20/2018

General Notes for York Project (SDG) No.: 18C0757

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: 03/27/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 2MW-01 9-11 **York Sample ID:** 18C0757-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

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		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	114	228	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,PADEP	03/23/2018 19:33	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,PADEP	03/23/2018 19:33	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,PADEP	03/23/2018 19:33	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	114	228	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	114	228	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	114	228	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 19:33	KH

Sample Information

Client Sample ID: 2MW-01 9-11 **York Sample ID:** 18C0757-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

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		ug/kg dry	57.2	114	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	114	228	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	114	228	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	114	228	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	114	228	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
83-32-9	**Acenaphthene**	**124**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
208-96-8	**Acenaphthylene**	**118**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
98-86-2	Acetophenone	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
62-53-3	Aniline	ND		ug/kg dry	228	457	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
120-12-7	**Anthracene**	**419**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
1912-24-9	Atrazine	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
92-87-5	Benzidine	ND		ug/kg dry	228	457	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
56-55-3	**Benzo(a)anthracene**	**1540**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
50-32-8	**Benzo(a)pyrene**	**1460**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
205-99-2	**Benzo(b)fluoranthene**	**1170**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
191-24-2	**Benzo(g,h,i)perylene**	**875**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
207-08-9	**Benzo(k)fluoranthene**	**1090**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
65-85-0	**Benzoic acid**	**565**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH

Sample Information

Client Sample ID: 2MW-01 9-11 **York Sample ID:** 18C0757-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

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		ug/kg dry	57.2	114	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
105-60-2	Caprolactam	ND		ug/kg dry	114	228	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
86-74-8	**Carbazole**	**197**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
218-01-9	**Chrysene**	**1190**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
53-70-3	**Dibenzo(a,h)anthracene**	**134**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
132-64-9	**Dibenzofuran**	**94.8**	J	ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
206-44-0	**Fluoranthene**	**3040**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
86-73-7	**Fluorene**	**144**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**809**		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH
78-59-1	Isophorone	ND		ug/kg dry	57.2	114	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 14:16	03/23/2018 19:33	KH

Sample Information

Client Sample ID: 2MW-01 9-11 **York Sample ID:** 18C0757-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

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**	**61.1**	J	ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1780**		ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**2460**		ug/kg dry	57.2	114	2	EPA 8270D	03/22/2018 14:16	03/23/2018 19:33	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*84.7 %*		*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*84.2 %*		*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*82.5 %*		*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*76.6 %*		*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*116 %*	S-08	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.3 %*		*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**	**11000**		mg/kg dry	6.84	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	0.684	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**15.1**		mg/kg dry	1.37	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**2020**		mg/kg dry	1.37	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.137	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.602**		mg/kg dry	0.410	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-01 9-11 **York Sample ID:** 18C0757-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

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**	**6430**		mg/kg dry	6.84	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**38.7**		mg/kg dry	0.684	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**14.2**		mg/kg dry	0.684	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**101**		mg/kg dry	0.684	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**29200**		mg/kg dry	2.74	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2610**		mg/kg dry	0.684	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**4540**		mg/kg dry	6.84	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**401**		mg/kg dry	0.684	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**25.3**		mg/kg dry	0.684	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**3190**		mg/kg dry	6.84	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.37	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.684	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**459**		mg/kg dry	13.7	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.37	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**33.8**		mg/kg dry	1.37	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**781**		mg/kg dry	2.05	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:31	BML
							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**	**0.297**		mg/kg dry	0.0410	1	EPA 7473	03/21/2018 13:07	03/21/2018 14:38	SY
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 2MW-01 9-11 **York Sample ID:** 18C0757-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

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**	**73.1**		%	0.100	1	SM 2540G	03/26/2018 13:16	03/26/2018 20:56	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: 2MW-01 10 **York Sample ID:** 18C0757-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C	03/23/2018 07:30	03/23/2018 14:19	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: 2MW-01 10 **York Sample ID:** 18C0757-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	66	260	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	**2-Butanone**	**26**		ug/kg dry	3.3	13	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**100**	SCAL-E	ug/kg dry	6.6	13	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-02-8	Acrolein	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: 2MW-01 10 **York Sample ID:** 18C0757-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
110-82-7	Cyclohexane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-20-9	Methyl acetate	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.3	13	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	Toluene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30	03/23/2018 14:19 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: 2MW-01 10 **York Sample ID:** 18C0757-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 11:50 am	03/20/2018

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 14:19	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 14:19	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 14:19	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 14:19	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.3	6.6	1	EPA 8260C Certifications:	03/23/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 14:19	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.9	20	1	EPA 8260C Certifications:	03/23/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/23/2018 14:19	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*111 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*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**	**69.8**		%	0.100	1	SM 2540G Certifications: CTDOH	03/26/2018 13:16	03/26/2018 20:56	TAJ

Sample Information

Client Sample ID: 2MW-03 6-10 **York Sample ID:** 18C0757-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

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		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH

Sample Information

Client Sample ID: 2MW-03 6-10 **York Sample ID:** 18C0757-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

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		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,PADEP	03/23/2018 18:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,PADEP	03/23/2018 18:01	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,PADEP	03/23/2018 18:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH

Sample Information

Client Sample ID: 2MW-03 6-10 **York Sample ID:** 18C0757-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

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		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
120-12-7	Anthracene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
92-87-5	Benzidine	ND		ug/kg dry	183	366	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,PADEP	03/23/2018 18:01	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH

Sample Information

Client Sample ID: 2MW-03 6-10 **York Sample ID:** 18C0757-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

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		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 NELAC-NY10854,NJDEP,PADEP	KH
86-74-8	Carbazole	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
218-01-9	Chrysene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
206-44-0	Fluoranthene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
86-73-7	Fluorene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 NELAC-NY10854,NJDEP,PADEP	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
78-59-1	Isophorone	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16	03/23/2018 18:01 CTDOH,NELAC-NY10854,NJDEP,PADEP	KH

Sample Information

Client Sample ID: 2MW-03 6-10 **York Sample ID:** 18C0757-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

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		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
85-01-8	Phenanthrene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
108-95-2	Phenol	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH
129-00-0	Pyrene	ND		ug/kg dry	45.8	91.5	2	EPA 8270D Certifications:	03/22/2018 14:16 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/23/2018 18:01	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*89.9 %*		*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*87.8 %*		*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*86.4 %*		*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*82.7 %*		*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*111 %*	S-08	*19-110*
1718-51-0	*Surrogate: 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**	**9580**		mg/kg dry	5.50	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-36-0	Antimony	ND		mg/kg dry	0.550	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-38-2	**Arsenic**	**2.45**		mg/kg dry	1.10	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-39-3	**Barium**	**82.7**		mg/kg dry	1.10	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-41-7	Beryllium	ND		mg/kg dry	0.110	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-43-9	Cadmium	ND		mg/kg dry	0.330	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-70-2	**Calcium**	**921**		mg/kg dry	5.50	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-47-3	**Chromium**	**17.7**		mg/kg dry	0.550	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-48-4	**Cobalt**	**7.14**		mg/kg dry	0.550	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML
7440-50-8	**Copper**	**24.5**		mg/kg dry	0.550	1	EPA 6010C Certifications:	03/22/2018 10:23 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/22/2018 20:33	BML

Sample Information

Client Sample ID: 2MW-03 6-10 **York Sample ID:** 18C0757-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**14100**		mg/kg dry	2.20	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**5.28**		mg/kg dry	0.550	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2360**		mg/kg dry	5.50	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**444**		mg/kg dry	0.550	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**17.3**		mg/kg dry	0.550	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1290**		mg/kg dry	5.50	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.10	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.550	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**229**		mg/kg dry	11.0	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.10	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**18.0**		mg/kg dry	1.10	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**29.6**		mg/kg dry	1.65	1	EPA 6010C	03/22/2018 10:23	03/22/2018 20:33	BML
							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	0.0330	1	EPA 7473	03/21/2018 13:07	03/21/2018 14:03	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**	**90.9**		%	0.100	1	SM 2540G	03/26/2018 13:16	03/26/2018 20:56	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: 2MW-03 8 **York Sample ID:** 18C0757-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 NELAC-NY10854,NELAC-NY12058,NJDEP	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	160	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/kg dry	2.0	8.2	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30	03/22/2018 19:17 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: 2MW-03 8 **York Sample ID:** 18C0757-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**9.1**	SCAL-E	ug/kg dry	4.1	8.2	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C	03/22/2018 07:30	03/22/2018 19:17	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-03 8 **York Sample ID:** 18C0757-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/22/2018 19:17	RDS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.2	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/22/2018 19:17	RDS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
100-42-5	Styrene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.0	8.2	1	EPA 8260C Certifications:	03/22/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
108-88-3	Toluene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.1	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/22/2018 19:17	RDS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.1	12	1	EPA 8260C Certifications:	03/22/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/22/2018 19:17	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*76-130*

Sample Information

Client Sample ID: 2MW-03 8 **York Sample ID:** 18C0757-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Soil	March 20, 2018 3:00 pm	03/20/2018

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	89.9		%	0.100	1	SM 2540G	03/27/2018 10:24	03/27/2018 15:45	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB20180320 **York Sample ID:** 18C0757-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Water	March 20, 2018 3:00 pm	03/20/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	03/23/2018 14:34	03/23/2018 19:37	RDS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: TB20180320 **York Sample ID:** 18C0757-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Water	March 20, 2018 3:00 pm	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: TB20180320 **York Sample ID:** 18C0757-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Water	March 20, 2018 3:00 pm	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34	03/23/2018 19:37 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: TB20180320 **York Sample ID:** 18C0757-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0757	GQ14076	Water	March 20, 2018 3:00 pm	03/20/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 19:37	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 19:37	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 19:37	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 19:37	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 19:37	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/23/2018 14:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/23/2018 19:37	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/23/2018 14:34 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/23/2018 19:37	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.8 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*114 %*	*79-122*

Analytical Batch Summary

Batch ID: BC80966 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0757-01	2MW-01 9-11	03/21/18
18C0757-03	2MW-03 6-10	03/21/18
BC80966-BLK1	Blank	03/21/18
BC80966-DUP1	Duplicate	03/21/18
BC80966-MS1	Matrix Spike	03/21/18
BC80966-SRM1	Reference	03/21/18

Batch ID: BC80988 **Preparation Method:** EPA 5035A **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18C0757-04	2MW-03 8	03/22/18
BC80988-BLK1	Blank	03/22/18
BC80988-BS1	LCS	03/22/18
BC80988-BSD1	LCS Dup	03/22/18
BC80988-MS1	Matrix Spike	03/22/18
BC80988-MSD1	Matrix Spike Dup	03/22/18

Batch ID: BC81008 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0757-01	2MW-01 9-11	03/22/18
18C0757-03	2MW-03 6-10	03/22/18
BC81008-BLK1	Blank	03/22/18
BC81008-DUP1	Duplicate	03/22/18
BC81008-MS1	Matrix Spike	03/22/18
BC81008-SRM1	Reference	03/22/18

Batch ID: BC81019 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18C0757-01	2MW-01 9-11	03/22/18
18C0757-03	2MW-03 6-10	03/22/18

Batch ID: BC81051 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18C0757-02	2MW-01 10	03/23/18
BC81051-BLK1	Blank	03/23/18
BC81051-BLK2	Blank	03/23/18
BC81051-BS1	LCS	03/23/18
BC81051-BSD1	LCS Dup	03/23/18

Batch ID: BC81099 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18C0757-05	TB20180320	03/23/18
BC81099-BLK1	Blank	03/23/18
BC81099-BS1	LCS	03/23/18
BC81099-BSD1	LCS Dup	03/23/18

Batch ID: BC81157 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0757-01	2MW-01 9-11	03/26/18
18C0757-02	2MW-01 10	03/26/18
18C0757-03	2MW-03 6-10	03/26/18
BC81157-DUP1	Duplicate	03/26/18

Batch ID: BC81209 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0757-04	2MW-03 8	03/27/18
BC81209-DUP1	Duplicate	03/27/18

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 BC80988 - EPA 5035A											
Blank (BC80988-BLK1)											Prepared & Analyzed: 03/22/2018
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	200	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

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 BC80988 - EPA 5035A											
Blank (BC80988-BLK1)											Prepared & Analyzed: 03/22/2018
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	10	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*52.5*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*43.5*		*"*	*50.0*		*87.0*	*76-130*				
LCS (BC80988-BS1)											Prepared & Analyzed: 03/22/2018
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.5	75-129				
1,1,1-Trichloroethane	49		"	50.0		97.9	71-137				
1,1,2,2-Tetrachloroethane	48		"	50.0		96.5	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.9	58-146				
1,1,2-Trichloroethane	51		"	50.0		102	83-123				
1,1-Dichloroethane	51		"	50.0		101	75-130				
1,1-Dichloroethylene	49		"	50.0		98.5	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		97.7	81-140				
1,2,3-Trichloropropane	51		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	49		"	50.0		97.1	80-141				
1,2,4-Trimethylbenzene	48		"	50.0		95.5	84-125				
1,2-Dibromo-3-chloropropane	52		"	50.0		103	74-142				
1,2-Dibromoethane	48		"	50.0		95.2	86-123				
1,2-Dichlorobenzene	49		"	50.0		97.6	85-122				
1,2-Dichloroethane	50		"	50.0		99.2	71-133				
1,2-Dichloropropane	48		"	50.0		96.2	81-122				
1,3,5-Trimethylbenzene	47		"	50.0		93.2	82-126				
1,3-Dichlorobenzene	47		"	50.0		93.8	84-124				
1,4-Dichlorobenzene	45		"	50.0		89.3	84-124				
1,4-Dioxane	320		"	1050		30.1	10-228				
2-Butanone	58		"	50.0		117	58-147				
2-Hexanone	47		"	50.0		94.6	70-139				
4-Methyl-2-pentanone	45		"	50.0		90.6	72-132				
Acetone	38		"	50.0		76.2	36-155				
Acrolein	42		"	50.0		84.3	10-238				
Acrylonitrile	52		"	50.0		104	66-141				
Benzene	52		"	50.0		103	77-127				
Bromochloromethane	48		"	50.0		96.7	74-129				
Bromodichloromethane	51		"	50.0		103	81-124				

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 BC80988 - EPA 5035A											
LCS (BC80988-BS1)								Prepared & Analyzed: 03/22/2018			
Bromoform	53		ug/L	50.0		106	80-136				
Bromomethane	51		"	50.0		102	32-177				
Carbon disulfide	55		"	50.0		111	10-136				
Carbon tetrachloride	49		"	50.0		98.7	66-143				
Chlorobenzene	48		"	50.0		96.0	86-120				
Chloroethane	54		"	50.0		107	51-142				
Chloroform	51		"	50.0		102	76-131				
Chloromethane	54		"	50.0		109	49-132				
cis-1,2-Dichloroethylene	52		"	50.0		104	74-132				
cis-1,3-Dichloropropylene	47		"	50.0		94.0	81-129				
Cyclohexane	47		"	50.0		94.9	70-130				
Dibromochloromethane	49		"	50.0		97.3	10-200				
Dibromomethane	50		"	50.0		99.4	83-124				
Dichlorodifluoromethane	61		"	50.0		122	28-158				
Ethyl Benzene	50		"	50.0		101	84-125				
Hexachlorobutadiene	52		"	50.0		104	83-133				
Isopropylbenzene	47		"	50.0		94.0	81-127				
Methyl acetate	46		"	50.0		92.4	41-143				
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	74-131				
Methylcyclohexane	50		"	50.0		100	70-130				
Methylene chloride	42		"	50.0		84.7	57-141				
n-Butylbenzene	46		"	50.0		92.8	80-130				
n-Propylbenzene	47		"	50.0		93.7	74-136				
o-Xylene	51		"	50.0		102	83-123				
p- & m- Xylenes	89		"	100		88.6	82-128				
p-Isopropyltoluene	47		"	50.0		93.1	85-125				
sec-Butylbenzene	49		"	50.0		97.5	83-125				
Styrene	48		"	50.0		96.3	86-126				
tert-Butyl alcohol (TBA)	290		"	250		116	70-130				
tert-Butylbenzene	37		"	50.0		73.9	80-127	Low Bias			
Tetrachloroethylene	49		"	50.0		97.9	80-129				
Toluene	50		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		102	72-132				
trans-1,3-Dichloropropylene	47		"	50.0		94.7	78-132				
Trichloroethylene	49		"	50.0		98.2	84-123				
Trichlorofluoromethane	53		"	50.0		107	62-140				
Vinyl Chloride	53		"	50.0		106	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.1*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80988 - EPA 5035A											
LCS Dup (BC80988-BSD1)								Prepared & Analyzed: 03/22/2018			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.6	75-129		0.102	30	
1,1,1-Trichloroethane	49		"	50.0		97.4	71-137		0.533	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		99.2	79-129		2.74	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.5	58-146		0.401	30	
1,1,2-Trichloroethane	54		"	50.0		107	83-123		4.94	30	
1,1-Dichloroethane	50		"	50.0		101	75-130		0.456	30	
1,1-Dichloroethylene	51		"	50.0		103	64-137		4.02	30	
1,2,3-Trichlorobenzene	50		"	50.0		99.0	81-140		1.38	30	
1,2,3-Trichloropropane	53		"	50.0		106	81-126		4.64	30	
1,2,4-Trichlorobenzene	50		"	50.0		99.5	80-141		2.46	30	
1,2,4-Trimethylbenzene	48		"	50.0		96.4	84-125		0.959	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		110	74-142		6.81	30	
1,2-Dibromoethane	49		"	50.0		97.1	86-123		1.93	30	
1,2-Dichlorobenzene	48		"	50.0		96.3	85-122		1.34	30	
1,2-Dichloroethane	50		"	50.0		101	71-133		1.72	30	
1,2-Dichloropropane	51		"	50.0		102	81-122		5.58	30	
1,3,5-Trimethylbenzene	47		"	50.0		95.0	82-126		1.93	30	
1,3-Dichlorobenzene	47		"	50.0		94.7	84-124		1.04	30	
1,4-Dichlorobenzene	47		"	50.0		94.2	84-124		5.36	30	
1,4-Dioxane	320		"	1050		30.7	10-228		1.78	30	
2-Butanone	61		"	50.0		122	58-147		4.04	30	
2-Hexanone	46		"	50.0		92.8	70-139		1.84	30	
4-Methyl-2-pentanone	47		"	50.0		94.8	72-132		4.55	30	
Acetone	40		"	50.0		79.4	36-155		4.09	30	
Acrolein	36		"	50.0		72.6	10-238		14.9	30	
Acrylonitrile	53		"	50.0		106	66-141		2.19	30	
Benzene	52		"	50.0		104	77-127		0.829	30	
Bromochloromethane	46		"	50.0		91.1	74-129		5.90	30	
Bromodichloromethane	51		"	50.0		102	81-124		0.176	30	
Bromoform	53		"	50.0		107	80-136		0.563	30	
Bromomethane	50		"	50.0		101	32-177		0.927	30	
Carbon disulfide	56		"	50.0		111	10-136		0.468	30	
Carbon tetrachloride	51		"	50.0		101	66-143		2.34	30	
Chlorobenzene	50		"	50.0		101	86-120		4.62	30	
Chloroethane	52		"	50.0		103	51-142		3.97	30	
Chloroform	51		"	50.0		101	76-131		1.26	30	
Chloromethane	54		"	50.0		109	49-132		0.129	30	
cis-1,2-Dichloroethylene	50		"	50.0		100	74-132		3.71	30	
cis-1,3-Dichloropropylene	49		"	50.0		97.4	81-129		3.59	30	
Cyclohexane	47		"	50.0		94.7	70-130		0.190	30	
Dibromochloromethane	50		"	50.0		99.3	10-200		2.03	30	
Dibromomethane	50		"	50.0		99.3	83-124		0.141	30	
Dichlorodifluoromethane	62		"	50.0		124	28-158		1.90	30	
Ethyl Benzene	53		"	50.0		106	84-125		4.54	30	
Hexachlorobutadiene	52		"	50.0		103	83-133		0.0580	30	
Isopropylbenzene	50		"	50.0		99.8	81-127		5.97	30	
Methyl acetate	45		"	50.0		90.6	41-143		1.92	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131		1.86	30	
Methylcyclohexane	53		"	50.0		105	70-130		4.98	30	
Methylene chloride	42		"	50.0		84.3	57-141		0.568	30	
n-Butylbenzene	49		"	50.0		97.2	80-130		4.57	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 BC80988 - EPA 5035A											
LCS Dup (BC80988-BSD1)								Prepared & Analyzed: 03/22/2018			
n-Propylbenzene	50		ug/L	50.0		99.2	74-136		5.62	30	
o-Xylene	52		"	50.0		103	83-123		1.13	30	
p- & m- Xylenes	94		"	100		94.0	82-128		5.92	30	
p-Isopropyltoluene	48		"	50.0		95.3	85-125		2.36	30	
sec-Butylbenzene	52		"	50.0		104	83-125		6.45	30	
Styrene	49		"	50.0		97.9	86-126		1.65	30	
tert-Butyl alcohol (TBA)	300		"	250		118	70-130		2.37	30	
tert-Butylbenzene	39		"	50.0		77.8	80-127	Low Bias	5.17	30	
Tetrachloroethylene	51		"	50.0		102	80-129		4.01	30	
Toluene	53		"	50.0		106	85-121		6.07	30	
trans-1,2-Dichloroethylene	50		"	50.0		101	72-132		1.58	30	
trans-1,3-Dichloropropylene	49		"	50.0		97.6	78-132		3.04	30	
Trichloroethylene	51		"	50.0		101	84-123		3.21	30	
Trichlorofluoromethane	55		"	50.0		110	62-140		3.04	30	
Vinyl Chloride	54		"	50.0		108	52-130		2.34	30	
Surrogate: 1,2-Dichloroethane-d4	*48.8*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.3*		*"*	*50.0*		*103*	*76-130*				
Matrix Spike (BC80988-MS1)	*Source sample: 18C0757-04 (2MW-03 8)							Prepared & Analyzed: 03/22/2018			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0	0.0	98.8	15-161				
1,1,1-Trichloroethane	48		"	50.0	0.0	95.4	42-145				
1,1,2,2-Tetrachloroethane	51		"	50.0	0.0	103	16-167				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37		"	50.0	0.0	74.6	11-160				
1,1,2-Trichloroethane	56		"	50.0	0.0	112	44-145				
1,1-Dichloroethane	48		"	50.0	0.0	97.0	46-142				
1,1-Dichloroethylene	42		"	50.0	0.0	83.3	30-153				
1,2,3-Trichlorobenzene	33		"	50.0	0.0	66.7	10-157				
1,2,3-Trichloropropane	55		"	50.0	0.0	109	38-155				
1,2,4-Trichlorobenzene	33		"	50.0	0.0	66.8	10-151				
1,2,4-Trimethylbenzene	45		"	50.0	0.0	90.2	10-170				
1,2-Dibromo-3-chloropropane	55		"	50.0	0.0	110	36-138				
1,2-Dibromoethane	52		"	50.0	0.0	104	40-142				
1,2-Dichlorobenzene	46		"	50.0	0.0	92.0	10-147				
1,2-Dichloroethane	53		"	50.0	0.0	106	48-133				
1,2-Dichloropropane	54		"	50.0	0.0	107	47-141				
1,3,5-Trimethylbenzene	47		"	50.0	0.0	93.6	10-150				
1,3-Dichlorobenzene	42		"	50.0	0.0	83.9	10-144				
1,4-Dichlorobenzene	42		"	50.0	0.0	83.3	10-160				
1,4-Dioxane	390		"	1050	0.0	36.9	10-191				
2-Butanone	58		"	50.0	0.0	116	10-189				
2-Hexanone	48		"	50.0	0.0	96.0	10-181				
4-Methyl-2-pentanone	47		"	50.0	0.0	93.1	10-166				
Acetone	56		"	50.0	11	91.2	10-196				
Acrolein	24		"	50.0	0.0	48.1	10-192				
Acrylonitrile	54		"	50.0	0.0	109	13-161				
Benzene	51		"	50.0	0.0	101	43-139				
Bromochloromethane	49		"	50.0	0.0	98.4	38-145				
Bromodichloromethane	54		"	50.0	0.0	109	38-147				
Bromoform	55		"	50.0	0.0	111	29-156				
Bromomethane	39		"	50.0	0.0	77.1	10-166				

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 BC80988 - EPA 5035A											
Matrix Spike (BC80988-MS1)	*Source sample: 18C0757-04 (2MW-03 8)							Prepared & Analyzed: 03/22/2018			
Carbon disulfide	39		ug/L	50.0	0.0	78.7	10-131				
Carbon tetrachloride	45		"	50.0	0.0	90.2	35-145				
Chlorobenzene	48		"	50.0	0.0	96.9	21-154				
Chloroethane	37		"	50.0	0.0	74.6	15-160				
Chloroform	52		"	50.0	0.0	105	47-142				
Chloromethane	27		"	50.0	0.0	53.5	10-159				
cis-1,2-Dichloroethylene	49		"	50.0	0.0	97.5	42-144				
cis-1,3-Dichloropropylene	49		"	50.0	0.0	98.1	18-159				
Cyclohexane	37		"	50.0	0.0	73.7	70-130				
Dibromochloromethane	53		"	50.0	0.0	106	10-179				
Dibromomethane	53		"	50.0	0.0	106	47-143				
Dichlorodifluoromethane	14		"	50.0	0.0	27.5	10-145				
Ethyl Benzene	49		"	50.0	0.0	98.9	11-158				
Hexachlorobutadiene	32		"	50.0	0.0	63.2	10-158				
Isopropylbenzene	47		"	50.0	0.0	94.8	10-162				
Methyl acetate	48		"	50.0	0.0	95.5	10-149				
Methyl tert-butyl ether (MTBE)	52		"	50.0	0.0	105	42-152				
Methylcyclohexane	37		"	50.0	0.0	74.6	70-130				
Methylene chloride	42		"	50.0	0.0	84.6	28-151				
n-Butylbenzene	40		"	50.0	0.0	80.6	10-162				
n-Propylbenzene	46		"	50.0	0.0	93.0	10-155				
o-Xylene	51		"	50.0	0.0	101	10-158				
p- & m- Xylenes	88		"	100	0.0	87.6	10-156				
p-Isopropyltoluene	42		"	50.0	0.0	84.8	10-147				
sec-Butylbenzene	46		"	50.0	0.0	92.3	10-157				
Styrene	47		"	50.0	0.0	94.8	13-171				
tert-Butyl alcohol (TBA)	310		"	250	0.0	124	34-179				
tert-Butylbenzene	37		"	50.0	0.0	74.7	10-160				
Tetrachloroethylene	43		"	50.0	0.0	85.9	30-167				
Toluene	50		"	50.0	0.0	101	21-160				
trans-1,2-Dichloroethylene	44		"	50.0	0.0	89.0	29-153				
trans-1,3-Dichloropropylene	49		"	50.0	0.0	97.8	18-155				
Trichloroethylene	48		"	50.0	0.0	95.8	24-169				
Trichlorofluoromethane	37		"	50.0	0.0	73.6	35-142				
Vinyl Chloride	29		"	50.0	0.0	57.9	12-160				
Surrogate: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.9*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC80988 - EPA 5035A											
Matrix Spike Dup (BC80988-MSD1)	*Source sample: 18C0757-04 (2MW-03 8)							Prepared & Analyzed: 03/22/2018			
1,1,1,2-Tetrachloroethane	53		ug/L	50.0	0.0	105	15-161		6.20	33	
1,1,1-Trichloroethane	50		"	50.0	0.0	99.6	42-145		4.31	30	
1,1,2,2-Tetrachloroethane	50		"	50.0	0.0	100	16-167		2.17	56	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0	0.0	79.8	11-160		6.66	31	
1,1,2-Trichloroethane	52		"	50.0	0.0	104	44-145		7.49	40	
1,1-Dichloroethane	51		"	50.0	0.0	101	46-142		4.10	36	
1,1-Dichloroethylene	44		"	50.0	0.0	88.2	30-153		5.74	31	
1,2,3-Trichlorobenzene	33		"	50.0	0.0	65.7	10-157		1.42	47	
1,2,3-Trichloropropane	56		"	50.0	0.0	111	38-155		1.74	48	
1,2,4-Trichlorobenzene	31		"	50.0	0.0	61.6	10-151		7.98	52	
1,2,4-Trimethylbenzene	44		"	50.0	0.0	88.7	10-170		1.68	242	
1,2-Dibromo-3-chloropropane	53		"	50.0	0.0	106	36-138		4.27	54	
1,2-Dibromoethane	49		"	50.0	0.0	98.9	40-142		4.80	39	
1,2-Dichlorobenzene	41		"	50.0	0.0	82.9	10-147		10.3	52	
1,2-Dichloroethane	54		"	50.0	0.0	107	48-133		0.882	32	
1,2-Dichloropropane	51		"	50.0	0.0	101	47-141		5.45	37	
1,3,5-Trimethylbenzene	44		"	50.0	0.0	88.8	10-150		5.26	62	
1,3-Dichlorobenzene	40		"	50.0	0.0	79.8	10-144		5.03	51	
1,4-Dichlorobenzene	39		"	50.0	0.0	78.4	10-160		6.08	52	
1,4-Dioxane	400		"	1050	0.0	38.1	10-191		3.39	196	
2-Butanone	55		"	50.0	0.0	111	10-189		4.38	67	
2-Hexanone	45		"	50.0	0.0	90.0	10-181		6.45	60	
4-Methyl-2-pentanone	46		"	50.0	0.0	92.8	10-166		0.366	47	
Acetone	61		"	50.0	11	101	10-196		10.3	150	
Acrolein	21		"	50.0	0.0	41.2	10-192		15.4	128	
Acrylonitrile	53		"	50.0	0.0	106	13-161		2.40	48	
Benzene	52		"	50.0	0.0	104	43-139		2.62	64	
Bromochloromethane	50		"	50.0	0.0	99.4	38-145		1.03	30	
Bromodichloromethane	53		"	50.0	0.0	105	38-147		3.50	37	
Bromoform	54		"	50.0	0.0	109	29-156		1.78	51	
Bromomethane	31		"	50.0	0.0	62.8	10-166		20.5	42	
Carbon disulfide	41		"	50.0	0.0	82.9	10-131		5.17	36	
Carbon tetrachloride	50		"	50.0	0.0	100	35-145		10.7	31	
Chlorobenzene	49		"	50.0	0.0	97.7	21-154		0.863	32	
Chloroethane	40		"	50.0	0.0	79.1	15-160		5.91	40	
Chloroform	53		"	50.0	0.0	106	47-142		0.989	29	
Chloromethane	28		"	50.0	0.0	56.7	10-159		5.84	31	
cis-1,2-Dichloroethylene	49		"	50.0	0.0	98.1	42-144		0.532	30	
cis-1,3-Dichloropropylene	47		"	50.0	0.0	94.6	18-159		3.72	39	
Cyclohexane	39		"	50.0	0.0	78.2	70-130		5.90	30	
Dibromochloromethane	52		"	50.0	0.0	104	10-179		2.54	41	
Dibromomethane	49		"	50.0	0.0	98.2	47-143		7.99	41	
Dichlorodifluoromethane	15		"	50.0	0.0	30.2	10-145		9.35	34	
Ethyl Benzene	50		"	50.0	0.0	101	11-158		1.90	42	
Hexachlorobutadiene	30		"	50.0	0.0	59.3	10-158		6.34	45	
Isopropylbenzene	46		"	50.0	0.0	91.4	10-162		3.61	57	
Methyl acetate	53		"	50.0	0.0	106	10-149		10.3	64	
Methyl tert-butyl ether (MTBE)	51		"	50.0	0.0	101	42-152		3.67	47	
Methylcyclohexane	39		"	50.0	0.0	78.4	70-130		4.94	30	
Methylene chloride	44		"	50.0	0.0	87.8	28-151		3.76	49	
n-Butylbenzene	38		"	50.0	0.0	75.8	10-162		6.16	96	

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 BC80988 - EPA 5035A											
Matrix Spike Dup (BC80988-MSD1)	*Source sample: 18C0757-04 (2MW-03 8)							Prepared & Analyzed: 03/22/2018			
n-Propylbenzene	44		ug/L	50.0	0.0	88.0	10-155		5.48	56	
o-Xylene	52		"	50.0	0.0	104	10-158		2.36	51	
p- & m- Xylenes	87		"	100	0.0	87.0	10-156		0.722	47	
p-Isopropyltoluene	42		"	50.0	0.0	83.2	10-147		1.83	60	
sec-Butylbenzene	44		"	50.0	0.0	87.5	10-157		5.38	56	
Styrene	46		"	50.0	0.0	91.6	13-171		3.48	39	
tert-Butyl alcohol (TBA)	340		"	250	0.0	136	34-179		8.81	35	
tert-Butylbenzene	36		"	50.0	0.0	72.6	10-160		2.91	79	
Tetrachloroethylene	46		"	50.0	0.0	91.4	30-167		6.14	33	
Toluene	51		"	50.0	0.0	102	21-160		0.869	50	
trans-1,2-Dichloroethylene	46		"	50.0	0.0	91.4	29-153		2.66	30	
trans-1,3-Dichloropropylene	47		"	50.0	0.0	94.0	18-155		4.05	30	
Trichloroethylene	48		"	50.0	0.0	95.7	24-169		0.188	30	
Trichlorofluoromethane	39		"	50.0	0.0	78.4	35-142		6.29	30	
Vinyl Chloride	32		"	50.0	0.0	63.6	12-160		9.28	35	
Surrogate: 1,2-Dichloroethane-d4	*52.8*		*"*	*50.0*		*106*	*77-125*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				
Batch BC81051 - EPA 5035A											
Blank (BC81051-BLK1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	200	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								

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 BC81051 - EPA 5035A											
Blank (BC81051-BLK1)											
Prepared & Analyzed: 03/23/2018											
Bromoform	ND	5.0	ug/kg wet								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	10	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*50.0*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*45.3*		*"*	*50.0*		*90.7*	*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 BC81051 - EPA 5035A											
Blank (BC81051-BLK2)											
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	20000	"								
2-Butanone	ND	1000	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								
Bromoform	ND	500	"								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								

Prepared & Analyzed: 03/23/2018

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 BC81051 - EPA 5035A											
Blank (BC81051-BLK2)									Prepared & Analyzed: 03/23/2018		
n-Propylbenzene	ND	500	ug/kg wet								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	1000	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: 1,2-Dichloroethane-d4	*50.4*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*53.1*		*"*	*50.0*		*106*	*85-120*				
Surrogate: p-Bromofluorobenzene	*46.5*		*"*	*50.0*		*93.0*	*76-130*				
LCS (BC81051-BS1)									Prepared & Analyzed: 03/23/2018		
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	50		"	50.0		100	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		103	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	58-146				
1,1,2-Trichloroethane	50		"	50.0		99.2	83-123				
1,1-Dichloroethane	51		"	50.0		101	75-130				
1,1-Dichloroethylene	50		"	50.0		99.2	64-137				
1,2,3-Trichlorobenzene	51		"	50.0		103	81-140				
1,2,3-Trichloropropane	53		"	50.0		107	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		105	80-141				
1,2,4-Trimethylbenzene	53		"	50.0		105	84-125				
1,2-Dibromo-3-chloropropane	53		"	50.0		106	74-142				
1,2-Dibromoethane	50		"	50.0		100	86-123				
1,2-Dichlorobenzene	50		"	50.0		100	85-122				
1,2-Dichloroethane	50		"	50.0		99.7	71-133				
1,2-Dichloropropane	53		"	50.0		106	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126				
1,3-Dichlorobenzene	49		"	50.0		98.6	84-124				
1,4-Dichlorobenzene	50		"	50.0		99.4	84-124				
1,4-Dioxane	360		"	1050		33.9	10-228				
2-Butanone	55		"	50.0		109	58-147				
2-Hexanone	48		"	50.0		95.1	70-139				
4-Methyl-2-pentanone	46		"	50.0		92.4	72-132				
Acetone	38		"	50.0		75.8	36-155				
Acrolein	34		"	50.0		67.6	10-238				
Acrylonitrile	51		"	50.0		102	66-141				
Benzene	52		"	50.0		103	77-127				
Bromochloromethane	49		"	50.0		97.0	74-129				
Bromodichloromethane	53		"	50.0		105	81-124				
Bromoform	53		"	50.0		105	80-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81051 - EPA 5035A											
LCS (BC81051-BS1)							Prepared & Analyzed: 03/23/2018				
Bromomethane	53		ug/L	50.0		106	32-177				
Carbon disulfide	53		"	50.0		107	10-136				
Carbon tetrachloride	51		"	50.0		102	66-143				
Chlorobenzene	51		"	50.0		103	86-120				
Chloroethane	54		"	50.0		109	51-142				
Chloroform	51		"	50.0		102	76-131				
Chloromethane	51		"	50.0		102	49-132				
cis-1,2-Dichloroethylene	51		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		99.5	81-129				
Cyclohexane	46		"	50.0		92.9	70-130				
Dibromochloromethane	50		"	50.0		99.2	10-200				
Dibromomethane	51		"	50.0		102	83-124				
Dichlorodifluoromethane	50		"	50.0		99.1	28-158				
Ethyl Benzene	55		"	50.0		110	84-125				
Hexachlorobutadiene	56		"	50.0		111	83-133				
Isopropylbenzene	52		"	50.0		104	81-127				
Methyl acetate	43		"	50.0		86.6	41-143				
Methyl tert-butyl ether (MTBE)	53		"	50.0		107	74-131				
Methylcyclohexane	53		"	50.0		106	70-130				
Methylene chloride	43		"	50.0		86.1	57-141				
n-Butylbenzene	52		"	50.0		104	80-130				
n-Propylbenzene	54		"	50.0		108	74-136				
o-Xylene	54		"	50.0		108	83-123				
p- & m- Xylenes	97		"	100		97.0	82-128				
p-Isopropyltoluene	52		"	50.0		104	85-125				
sec-Butylbenzene	54		"	50.0		108	83-125				
Styrene	51		"	50.0		103	86-126				
tert-Butyl alcohol (TBA)	310		"	250		123	70-130				
tert-Butylbenzene	41		"	50.0		82.2	80-127				
Tetrachloroethylene	52		"	50.0		103	80-129				
Toluene	54		"	50.0		108	85-121				
trans-1,2-Dichloroethylene	50		"	50.0		99.7	72-132				
trans-1,3-Dichloropropylene	50		"	50.0		99.7	78-132				
Trichloroethylene	52		"	50.0		105	84-123				
Trichlorofluoromethane	55		"	50.0		110	62-140				
Vinyl Chloride	50		"	50.0		101	52-130				
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*96.0*	*77-125*				
Surrogate: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*85-120*				
Surrogate: p-Bromofluorobenzene	*51.6*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81051 - EPA 5035A											
LCS Dup (BC81051-BSD1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		3.35	30	
1,1,1-Trichloroethane	53		"	50.0		105	71-137		5.24	30	
1,1,2,2-Tetrachloroethane	55		"	50.0		109	79-129		6.07	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146		5.18	30	
1,1,2-Trichloroethane	53		"	50.0		105	83-123		5.96	30	
1,1-Dichloroethane	53		"	50.0		105	75-130		4.00	30	
1,1-Dichloroethylene	52		"	50.0		105	64-137		5.43	30	
1,2,3-Trichlorobenzene	52		"	50.0		103	81-140		0.874	30	
1,2,3-Trichloropropane	55		"	50.0		110	81-126		3.06	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		1.78	30	
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125		1.07	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		109	74-142		2.51	30	
1,2-Dibromoethane	52		"	50.0		105	86-123		4.68	30	
1,2-Dichlorobenzene	49		"	50.0		99.0	85-122		1.26	30	
1,2-Dichloroethane	53		"	50.0		107	71-133		6.80	30	
1,2-Dichloropropane	52		"	50.0		104	81-122		1.56	30	
1,3,5-Trimethylbenzene	50		"	50.0		99.6	82-126		4.19	30	
1,3-Dichlorobenzene	50		"	50.0		100	84-124		1.35	30	
1,4-Dichlorobenzene	47		"	50.0		94.2	84-124		5.39	30	
1,4-Dioxane	320		"	1050		30.8	10-228		9.46	30	
2-Butanone	54		"	50.0		108	58-147		1.46	30	
2-Hexanone	51		"	50.0		102	70-139		7.04	30	
4-Methyl-2-pentanone	50		"	50.0		100	72-132		8.20	30	
Acetone	54		"	50.0		108	36-155		35.4	30	Non-dir.
Acrolein	36		"	50.0		71.2	10-238		5.27	30	
Acrylonitrile	57		"	50.0		114	66-141		11.8	30	
Benzene	53		"	50.0		107	77-127		3.64	30	
Bromochloromethane	51		"	50.0		101	74-129		4.32	30	
Bromodichloromethane	53		"	50.0		105	81-124		0.266	30	
Bromoform	54		"	50.0		109	80-136		3.32	30	
Bromomethane	53		"	50.0		107	32-177		0.226	30	
Carbon disulfide	55		"	50.0		110	10-136		3.00	30	
Carbon tetrachloride	52		"	50.0		104	66-143		1.84	30	
Chlorobenzene	52		"	50.0		105	86-120		2.08	30	
Chloroethane	55		"	50.0		110	51-142		1.42	30	
Chloroform	54		"	50.0		107	76-131		5.03	30	
Chloromethane	52		"	50.0		104	49-132		2.00	30	
cis-1,2-Dichloroethylene	54		"	50.0		108	74-132		4.94	30	
cis-1,3-Dichloropropylene	50		"	50.0		99.6	81-129		0.121	30	
Cyclohexane	50		"	50.0		99.7	70-130		7.06	30	
Dibromochloromethane	51		"	50.0		103	10-200		3.39	30	
Dibromomethane	53		"	50.0		105	83-124		2.62	30	
Dichlorodifluoromethane	51		"	50.0		101	28-158		2.24	30	
Ethyl Benzene	56		"	50.0		111	84-125		1.39	30	
Hexachlorobutadiene	55		"	50.0		110	83-133		0.560	30	
Isopropylbenzene	52		"	50.0		104	81-127		0.365	30	
Methyl acetate	47		"	50.0		93.1	41-143		7.26	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		113	74-131		5.71	30	
Methylcyclohexane	53		"	50.0		106	70-130		0.264	30	
Methylene chloride	43		"	50.0		85.9	57-141		0.232	30	
n-Butylbenzene	52		"	50.0		105	80-130		0.824	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 BC81051 - EPA 5035A											
LCS Dup (BC81051-BSD1)								Prepared & Analyzed: 03/23/2018			
n-Propylbenzene	53		ug/L	50.0		106	74-136		1.22	30	
o-Xylene	55		"	50.0		109	83-123		1.14	30	
p- & m- Xylenes	98		"	100		98.3	82-128		1.34	30	
p-Isopropyltoluene	51		"	50.0		103	85-125		1.16	30	
sec-Butylbenzene	54		"	50.0		109	83-125		0.923	30	
Styrene	53		"	50.0		106	86-126		2.92	30	
tert-Butyl alcohol (TBA)	300		"	250		118	70-130		4.06	30	
tert-Butylbenzene	44		"	50.0		87.1	80-127		5.79	30	
Tetrachloroethylene	53		"	50.0		105	80-129		1.92	30	
Toluene	55		"	50.0		109	85-121		1.34	30	
trans-1,2-Dichloroethylene	52		"	50.0		104	72-132		4.49	30	
trans-1,3-Dichloropropylene	50		"	50.0		101	78-132		1.28	30	
Trichloroethylene	55		"	50.0		109	84-123		4.17	30	
Trichlorofluoromethane	56		"	50.0		112	62-140		1.57	30	
Vinyl Chloride	53		"	50.0		105	52-130		4.27	30	
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*52.3*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*76-130*				
Batch BC81099 - EPA 5030B											
Blank (BC81099-BLK1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	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 BC81099 - EPA 5030B											
Blank (BC81099-BLK1)											
Prepared & Analyzed: 03/23/2018											
Bromoform	ND	0.50	ug/L								
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	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
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	1.0	"								
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 Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*69-130*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81099 - EPA 5030B											
LCS (BC81099-BS1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	8.4		ug/L	10.0		83.8	82-126				
1,1,1-Trichloroethane	9.6		"	10.0		95.7	78-136				
1,1,2,2-Tetrachloroethane	8.9		"	10.0		88.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.2		"	10.0		81.6	54-165				
1,1,2-Trichloroethane	9.1		"	10.0		90.7	82-123				
1,1-Dichloroethane	9.0		"	10.0		89.6	82-129				
1,1-Dichloroethylene	8.7		"	10.0		87.2	68-138				
1,2,3-Trichlorobenzene	10		"	10.0		100	76-136				
1,2,3-Trichloropropane	10		"	10.0		99.6	77-128				
1,2,4-Trichlorobenzene	9.4		"	10.0		94.1	76-137				
1,2,4-Trimethylbenzene	9.0		"	10.0		90.0	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		102	45-147				
1,2-Dibromoethane	9.4		"	10.0		94.2	83-124				
1,2-Dichlorobenzene	9.0		"	10.0		90.3	79-123				
1,2-Dichloroethane	9.6		"	10.0		95.8	73-132				
1,2-Dichloropropane	9.5		"	10.0		95.3	78-126				
1,3,5-Trimethylbenzene	9.2		"	10.0		92.2	80-131				
1,3-Dichlorobenzene	8.4		"	10.0		84.2	86-122	Low Bias			
1,4-Dichlorobenzene	9.1		"	10.0		91.3	85-124				
1,4-Dioxane	350		"	210		169	10-349				
2-Butanone	9.1		"	10.0		91.4	49-152				
2-Hexanone	8.0		"	10.0		80.4	51-146				
4-Methyl-2-pentanone	7.9		"	10.0		79.1	57-145				
Acetone	8.5		"	10.0		85.2	14-150				
Acrolein	5.0		"	10.0		50.3	10-153				
Acrylonitrile	9.4		"	10.0		93.8	51-150				
Benzene	9.3		"	10.0		93.1	85-126				
Bromochloromethane	8.2		"	10.0		82.4	77-128				
Bromodichloromethane	10		"	10.0		101	79-128				
Bromoform	9.0		"	10.0		90.4	78-133				
Bromomethane	3.1		"	10.0		31.1	43-168	Low Bias			
Carbon disulfide	9.7		"	10.0		97.4	68-146				
Carbon tetrachloride	9.7		"	10.0		96.8	77-141				
Chlorobenzene	8.8		"	10.0		87.8	88-120	Low Bias			
Chloroethane	8.1		"	10.0		80.6	65-136				
Chloroform	9.6		"	10.0		95.8	82-128				
Chloromethane	5.4		"	10.0		54.3	43-155				
cis-1,2-Dichloroethylene	9.1		"	10.0		90.8	83-129				
cis-1,3-Dichloropropylene	9.3		"	10.0		93.2	80-131				
Cyclohexane	9.2		"	10.0		91.7	63-149				
Dibromochloromethane	9.2		"	10.0		91.8	80-130				
Dibromomethane	9.7		"	10.0		97.1	72-134				
Dichlorodifluoromethane	9.3		"	10.0		92.9	44-144				
Ethyl Benzene	9.2		"	10.0		91.8	80-131				
Hexachlorobutadiene	9.5		"	10.0		94.8	67-146				
Isopropylbenzene	9.6		"	10.0		96.2	76-140				
Methyl acetate	8.4		"	10.0		83.5	51-139				
Methyl tert-butyl ether (MTBE)	9.8		"	10.0		97.7	76-135				
Methylcyclohexane	10		"	10.0		102	72-143				
Methylene chloride	7.8		"	10.0		78.4	55-137				
n-Butylbenzene	9.2		"	10.0		91.9	79-132				

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 BC81099 - EPA 5030B											
LCS (BC81099-BS1)								Prepared & Analyzed: 03/23/2018			
n-Propylbenzene	9.3		ug/L	10.0		93.4	78-133				
o-Xylene	9.6		"	10.0		95.8	78-130				
p- & m- Xylenes	18		"	20.0		88.2	77-133				
p-Isopropyltoluene	8.5		"	10.0		85.3	81-136				
sec-Butylbenzene	10		"	10.0		100	79-137				
Styrene	8.9		"	10.0		88.7	67-132				
tert-Butyl alcohol (TBA)	43		"	50.0		85.5	25-162				
tert-Butylbenzene	9.3		"	10.0		93.1	77-138				
Tetrachloroethylene	9.3		"	10.0		93.0	82-131				
Toluene	9.3		"	10.0		92.9	80-127				
trans-1,2-Dichloroethylene	9.0		"	10.0		89.6	80-132				
trans-1,3-Dichloropropylene	8.9		"	10.0		89.1	78-131				
Trichloroethylene	9.7		"	10.0		96.9	82-128				
Trichlorofluoromethane	9.4		"	10.0		94.0	67-139				
Vinyl Chloride	7.4		"	10.0		74.1	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.44*		*"*	*10.0*		*94.4*	*69-130*				
Surrogate: Toluene-d8	*9.98*		*"*	*10.0*		*99.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				
LCS Dup (BC81099-BSD1)								Prepared & Analyzed: 03/23/2018			
1,1,1,2-Tetrachloroethane	8.1		ug/L	10.0		81.1	82-126	Low Bias	3.27	30	
1,1,1-Trichloroethane	9.1		"	10.0		91.4	78-136		4.60	30	
1,1,2,2-Tetrachloroethane	9.0		"	10.0		89.8	76-129		1.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.9		"	10.0		78.9	54-165		3.36	30	
1,1,2-Trichloroethane	9.1		"	10.0		91.4	82-123		0.769	30	
1,1-Dichloroethane	8.7		"	10.0		86.9	82-129		3.06	30	
1,1-Dichloroethylene	8.2		"	10.0		82.3	68-138		5.78	30	
1,2,3-Trichlorobenzene	11		"	10.0		108	76-136		7.69	30	
1,2,3-Trichloropropane	9.8		"	10.0		97.8	77-128		1.82	30	
1,2,4-Trichlorobenzene	9.6		"	10.0		96.1	76-137		2.10	30	
1,2,4-Trimethylbenzene	8.8		"	10.0		88.4	82-132		1.79	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		105	45-147		2.90	30	
1,2-Dibromoethane	9.5		"	10.0		95.3	83-124		1.16	30	
1,2-Dichlorobenzene	8.8		"	10.0		87.7	79-123		2.92	30	
1,2-Dichloroethane	9.5		"	10.0		94.8	73-132		1.05	30	
1,2-Dichloropropane	9.3		"	10.0		92.6	78-126		2.87	30	
1,3,5-Trimethylbenzene	9.0		"	10.0		90.2	80-131		2.19	30	
1,3-Dichlorobenzene	8.2		"	10.0		82.2	86-122	Low Bias	2.40	30	
1,4-Dichlorobenzene	8.7		"	10.0		87.2	85-124		4.59	30	
1,4-Dioxane	430		"	210		205	10-349		19.5	30	
2-Butanone	11		"	10.0		110	49-152		18.4	30	
2-Hexanone	8.0		"	10.0		80.2	51-146		0.249	30	
4-Methyl-2-pentanone	8.0		"	10.0		80.2	57-145		1.38	30	
Acetone	8.3		"	10.0		83.3	14-150		2.26	30	
Acrolein	4.3		"	10.0		42.7	10-153		16.3	30	
Acrylonitrile	9.0		"	10.0		89.9	51-150		4.25	30	
Benzene	9.0		"	10.0		89.6	85-126		3.83	30	
Bromochloromethane	8.4		"	10.0		84.1	77-128		2.04	30	
Bromodichloromethane	9.9		"	10.0		99.2	79-128		1.90	30	
Bromoform	9.1		"	10.0		91.2	78-133		0.881	30	
Bromomethane	3.6		"	10.0		36.3	43-168	Low Bias	15.4	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 BC81099 - EPA 5030B											
LCS Dup (BC81099-BSD1)								Prepared & Analyzed: 03/23/2018			
Carbon disulfide	9.2		ug/L	10.0		92.3	68-146		5.38	30	
Carbon tetrachloride	9.2		"	10.0		92.3	77-141		4.76	30	
Chlorobenzene	8.5		"	10.0		85.1	88-120	Low Bias	3.12	30	
Chloroethane	7.6		"	10.0		76.0	65-136		5.87	30	
Chloroform	9.2		"	10.0		92.3	82-128		3.72	30	
Chloromethane	5.1		"	10.0		50.8	43-155		6.66	30	
cis-1,2-Dichloroethylene	8.8		"	10.0		87.5	83-129		3.70	30	
cis-1,3-Dichloropropylene	9.1		"	10.0		90.8	80-131		2.61	30	
Cyclohexane	8.6		"	10.0		86.3	63-149		6.07	30	
Dibromochloromethane	9.1		"	10.0		91.4	80-130		0.437	30	
Dibromomethane	9.8		"	10.0		97.7	72-134		0.616	30	
Dichlorodifluoromethane	8.7		"	10.0		87.4	44-144		6.10	30	
Ethyl Benzene	8.8		"	10.0		87.6	80-131		4.68	30	
Hexachlorobutadiene	9.6		"	10.0		96.2	67-146		1.47	30	
Isopropylbenzene	9.4		"	10.0		94.1	76-140		2.21	30	
Methyl acetate	8.5		"	10.0		84.8	51-139		1.54	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		100	76-135		2.43	30	
Methylcyclohexane	9.9		"	10.0		98.8	72-143		3.19	30	
Methylene chloride	7.4		"	10.0		74.3	55-137		5.37	30	
n-Butylbenzene	9.0		"	10.0		90.1	79-132		1.98	30	
n-Propylbenzene	9.1		"	10.0		91.3	78-133		2.27	30	
o-Xylene	9.3		"	10.0		93.1	78-130		2.86	30	
p- & m- Xylenes	17		"	20.0		85.3	77-133		3.34	30	
p-Isopropyltoluene	8.3		"	10.0		83.4	81-136		2.25	30	
sec-Butylbenzene	9.7		"	10.0		97.4	79-137		2.73	30	
Styrene	8.7		"	10.0		86.8	67-132		2.17	30	
tert-Butyl alcohol (TBA)	46		"	50.0		91.7	25-162		6.99	30	
tert-Butylbenzene	9.0		"	10.0		89.5	77-138		3.94	30	
Tetrachloroethylene	8.9		"	10.0		89.1	82-131		4.28	30	
Toluene	9.0		"	10.0		89.7	80-127		3.50	30	
trans-1,2-Dichloroethylene	8.6		"	10.0		86.2	80-132		3.87	30	
trans-1,3-Dichloropropylene	8.9		"	10.0		89.1	78-131		0.00	30	
Trichloroethylene	9.3		"	10.0		92.8	82-128		4.32	30	
Trichlorofluoromethane	9.0		"	10.0		90.0	67-139		4.35	30	
Vinyl Chloride	7.1		"	10.0		71.2	58-145		3.99	30	
Surrogate: 1,2-Dichloroethane-d4	*9.26*		*"*	*10.0*		*92.6*	*69-130*				
Surrogate: Toluene-d8	*9.81*		*"*	*10.0*		*98.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				

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 BC81008 - EPA 3050B											
Blank (BC81008-BLK1)									Prepared & Analyzed: 03/22/2018		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	3.50	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	6.50	"								
Selenium	ND	2.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Duplicate (BC81008-DUP1)	*Source sample: 18C0757-03 (2MW-03 6-10)								Prepared & Analyzed: 03/22/2018		
Aluminum	8780	5.50	mg/kg dry		9580				8.73	35	
Antimony	ND	0.550	"		ND					35	
Arsenic	2.28	1.10	"		2.45				7.39	35	
Barium	71.4	1.10	"		82.7				14.6	35	
Beryllium	ND	0.110	"		ND					35	
Cadmium	ND	0.330	"		ND					35	
Calcium	804	5.50	"		921				13.6	35	
Chromium	16.1	0.550	"		17.7				9.48	35	
Cobalt	6.40	0.550	"		7.14				10.9	35	
Copper	19.4	0.550	"		24.5				23.1	35	
Iron	13300	2.20	"		14100				5.83	35	
Lead	4.00	0.550	"		5.28				27.7	35	
Magnesium	1950	5.50	"		2360				18.8	35	
Manganese	349	0.550	"		444				23.9	35	
Nickel	14.7	0.550	"		17.3				16.5	35	
Potassium	1180	5.50	"		1290				8.38	35	
Selenium	ND	1.10	"		ND					35	
Silver	ND	0.550	"		ND					35	
Sodium	206	11.0	"		229				10.1	35	
Thallium	ND	1.10	"		ND					35	
Vanadium	19.4	1.10	"		18.0				7.40	35	
Zinc	26.4	1.65	"		29.6				11.5	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 BC81008 - EPA 3050B											
Matrix Spike (BC81008-MS1)	*Source sample: 18C0757-03 (2MW-03 6-10)							Prepared & Analyzed: 03/22/2018			
Aluminum	10100	5.50	mg/kg dry	220	9580	219	75-125	High Bias			
Antimony	13.3	0.550	"	27.5	ND	48.5	75-125	Low Bias			
Arsenic	239	1.10	"	220	2.45	108	75-125				
Barium	314	1.10	"	220	82.7	105	75-125				
Beryllium	5.87	0.110	"	5.50	ND	107	75-125				
Cadmium	6.11	0.330	"	5.50	ND	111	75-125				
Chromium	42.9	0.550	"	22.0	17.7	115	75-125				
Cobalt	68.7	0.550	"	55.0	7.14	112	75-125				
Copper	53.2	0.550	"	27.5	24.5	105	75-125				
Iron	18400	2.20	"	110	14100	NR	75-125	High Bias			
Lead	65.2	0.550	"	55.0	5.28	109	75-125				
Magnesium	3560	5.50	"	1100	2360	109	75-125				
Manganese	429	0.550	"	55.0	444	NR	75-125	Low Bias			
Nickel	76.9	0.550	"	55.0	17.3	108	75-125				
Potassium	2390	5.50	"	1100	1290	100	75-125				
Selenium	215	1.10	"	220	ND	97.5	75-125				
Silver	3.13	0.550	"	5.50	ND	56.9	75-125	Low Bias			
Sodium	1360	11.0	"	1100	229	102	75-125				
Thallium	236	1.10	"	220	ND	107	75-125				
Vanadium	80.8	1.10	"	55.0	18.0	114	75-125				
Zinc	94.0	1.65	"	55.0	29.6	117	75-125				
Reference (BC81008-SRM1)								Prepared & Analyzed: 03/22/2018			
Aluminum	7980	5.00	mg/kg wet	8040		99.3	39.4-160.5				
Antimony	93.6	0.500	"	91.4		102	25.1-275.7				
Arsenic	161	1.00	"	146		110	69.9-132.9				
Barium	105	1.00	"	102		102	71.5-136.3				
Beryllium	144	0.100	"	134		107	75.4-138.1				
Cadmium	67.5	0.300	"	63.2		107	73.3-141.5				
Calcium	6250	5.00	"	5930		105	73.7-136.1				
Chromium	91.7	0.500	"	89.3		103	69.1-143.3				
Cobalt	134	0.500	"	119		113	74.6-142				
Copper	65.0	0.500	"	60.8		107	72.7-141.6				
Iron	14000	2.00	"	14400		97.2	35.6-163.9				
Lead	106	0.500	"	98.5		108	70.8-137.1				
Magnesium	2730	5.00	"	2580		106	63.6-136.1				
Manganese	403	0.500	"	370		109	75.7-134.3				
Nickel	80.4	0.500	"	66.6		121	70.7-146.3				
Potassium	2120	5.00	"	2340		90.5	59.8-140.2				
Selenium	134	1.00	"	136		98.3	67.1-136.8				
Silver	44.5	0.500	"	48.9		91.0	66.5-139.5				
Sodium	331	10.0	"	318		104	40.6-159.8				
Thallium	145	1.00	"	138		105	68-136.2				
Vanadium	68.9	1.00	"	69.7		98.9	58.9-141.8				
Zinc	187	1.50	"	177		106	69.5-131.1				

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 BC80966 - EPA 7473 soil											
Blank (BC80966-BLK1)								Prepared & Analyzed: 03/21/2018			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BC80966-DUP1)	*Source sample: 18C0757-03 (2MW-03 6-10)							Prepared & Analyzed: 03/21/2018			
Mercury	ND	0.0330	mg/kg dry		ND					35	
Matrix Spike (BC80966-MS1)	*Source sample: 18C0757-03 (2MW-03 6-10)							Prepared & Analyzed: 03/21/2018			
Mercury	0.398		mg/kg	0.500	0.00730	78.2	75-125				
Reference (BC80966-SRM1)								Prepared & Analyzed: 03/21/2018			
Mercury	10.110		mg/kg	13.8		73.3	57.1-143.5				

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 BC81157 - % Solids Prep											
Duplicate (BC81157-DUP1)	*Source sample: 18C0757-03 (2MW-03 6-10)							Prepared & Analyzed: 03/26/2018			
% Solids	92.0	0.100	%		90.9				1.23	20	
Batch BC81209 - % Solids Prep											
Duplicate (BC81209-DUP1)	*Source sample: 18C0757-04 (2MW-03 8)							Prepared & Analyzed: 03/27/2018			
% Solids	88.7	0.100	%		89.9				1.37	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18C0757-02	2MW-01 10	40mL Vial with Stir Bar-Cool 4° C
18C0757-04	2MW-03 8	40mL Vial with Stir Bar-Cool 4° C
18C0757-05	TB20180320	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

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Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18C0757

YOUR Information
Company: WCD Group
Address: 24 Dans Ave
Poughkeepsie, NY
Phone No.
Contact Person: Gina Wolfman
E-Mail Address: gwolfman@wcdgroup.com

Report To:
Company: SAME
Address:
Phone No.
Attention: G. Wolfman +
E-Mail Address: Christine Arnone

Invoice To:
Company: SAME
Address:
Phone No.
Attention: Brenda Wells
E-Mail Address: bwells@wcdgroup.com

YOUR Project ID
GQ14076

Purchase Order No.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type
- Summary Report X
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package X
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
- Simple Excel
- NYSDEC EQuIS X
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other

York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):
NYS Part 375 RRSCOs + UUSCOs

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/Authorized By (Signature)
Claire Siegrist
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded Not Dioxin/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
2MW-01 9-11	3/20/18 1150	S	TCL SVOCs, TAL METALS	1 8oz jar
2MW-01 10	3/20/18 1150	S	TCL VOCs	4 40ml vials
2MW-03 6-10	3/20/18 1500	S	TCL SVOCs, TAL METALS *	3 8oz jar
2MW-03 8	3/20/18 1500	S	TCL VOCs *	3x40ml vials
TB20180320	3/20/18	TB	TCL VOCs	2 40ml vials

Comments
* run MS/MSD
TB = trip blank

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 3/20/18 1520
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 3/20/18 1520
Samples Received in LAB by: TC Fuller — Date/Time: 3/20/18 1950

Temperature on Receipt: 5.3 °C

Technical Report

prepared for:

WCD Group - Poughkeepsie NY
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Gina Wolfman

Report Date: 03/29/2018
Client Project ID: GQ14076
York Project (SDG) No.: 18C0849

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: 03/29/2018
Client Project ID: GQ14076
York Project (SDG) No.: 18C0849

WCD Group - Poughkeepsie NY
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Gina Wolfman

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 March 22, 2018 and listed below. The project was identified as your project: **GQ14076**.

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
18C0849-01	2MW-04 8-12	Soil	03/22/2018	03/22/2018
18C0849-02	2MW-04 8	Soil	03/22/2018	03/22/2018
18C0849-03	2MW-05 8-12	Soil	03/22/2018	03/22/2018
18C0849-04	2MW-05 11	Soil	03/22/2018	03/22/2018
18C0849-05	2MW-02 8-10	Soil	03/22/2018	03/22/2018
18C0849-06	2MW-02 9	Soil	03/22/2018	03/22/2018
18C0849-09	Dup 20180322	Soil	03/22/2018	03/22/2018
18C0849-10	TB 20180322	Water	03/22/2018	03/22/2018

General Notes for York Project (SDG) No.: 18C0849

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: 03/29/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 2MW-04 8-12 **York Sample ID:** 18C0849-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

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		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 13:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 13:50	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 13:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH

Sample Information

Client Sample ID: 2MW-04 8-12 **York Sample ID:** 18C0849-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

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		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
83-32-9	Acenaphthene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
98-86-2	Acetophenone	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
62-53-3	Aniline	ND		ug/kg dry	201	403	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
120-12-7	Anthracene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
1912-24-9	Atrazine	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
92-87-5	Benzidine	ND		ug/kg dry	201	403	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,PADEP	03/28/2018 13:50	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
65-85-0	Benzoic acid	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH

Sample Information

Client Sample ID: 2MW-04 8-12 **York Sample ID:** 18C0849-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

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		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
105-60-2	Caprolactam	ND		ug/kg dry	101	201	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
86-74-8	Carbazole	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
218-01-9	Chrysene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
206-44-0	Fluoranthene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
86-73-7	Fluorene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
78-59-1	Isophorone	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH

Sample Information

Client Sample ID: 2MW-04 8-12 **York Sample ID:** 18C0849-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

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		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
85-01-8	Phenanthrene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
108-95-2	Phenol	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH
129-00-0	Pyrene	ND		ug/kg dry	50.4	101	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 13:50	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*93.1 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*87.0 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*91.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*86.3 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*110 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.4 %*	*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**	**4400**		mg/kg dry	6.03	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:32	KML
7440-36-0	Antimony	ND		mg/kg dry	0.603	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:32	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.21	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:32	KML
7440-39-3	**Barium**	**36.5**		mg/kg dry	1.21	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:32	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.121	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:32	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.362	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:32	KML
7440-70-2	**Calcium**	**844**		mg/kg dry	6.03	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:32	KML

Sample Information

Client Sample ID: 2MW-04 8-12 **York Sample ID:** 18C0849-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

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**	**8.79**		mg/kg dry	0.603	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.23**		mg/kg dry	0.603	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.2**		mg/kg dry	0.603	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**7790**		mg/kg dry	2.41	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**3.93**		mg/kg dry	0.603	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1220**		mg/kg dry	6.03	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**238**		mg/kg dry	0.603	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**9.02**		mg/kg dry	0.603	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**627**		mg/kg dry	6.03	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	1.21	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.603	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**146**		mg/kg dry	12.1	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
7440-28-0	Thallium	ND		mg/kg dry	1.21	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**12.7**		mg/kg dry	1.21	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**37.7**		mg/kg dry	1.81	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:32	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	0.0362	1	EPA 7473	03/26/2018 09:47	03/26/2018 11:23	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: 2MW-04 8-12 **York Sample ID:** 18C0849-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.0		%	0.100	1	SM 2540G	03/28/2018 15:09	03/28/2018 18:21	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: 2MW-04 8 **York Sample ID:** 18C0849-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	03/27/2018 07:30	03/27/2018 14:33	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: 2MW-04 8 **York Sample ID:** 18C0849-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	84	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
67-64-1	Acetone	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
107-02-8	Acrolein	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS

Sample Information

Client Sample ID: 2MW-04 8 **York Sample ID:** 18C0849-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.1	8.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 14:33 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: 2MW-04 8 **York Sample ID:** 18C0849-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 9:50 am	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 14:33	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.3	13	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/27/2018 14:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: 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**	**86.9**		%	0.100	1	SM 2540G Certifications: CTDOH	03/29/2018 12:09	03/29/2018 15:15	TAJ

Sample Information

Client Sample ID: 2MW-05 8-12 **York Sample ID:** 18C0849-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

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		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH

Sample Information

Client Sample ID: 2MW-05 8-12 **York Sample ID:** 18C0849-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 14:21	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 14:21	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 14:21	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH

Sample Information

Client Sample ID: 2MW-05 8-12 **York Sample ID:** 18C0849-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

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
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
83-32-9	Acenaphthene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
98-86-2	Acetophenone	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
62-53-3	Aniline	ND		ug/kg dry	207	414	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
120-12-7	Anthracene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
1912-24-9	Atrazine	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
92-87-5	Benzidine	ND		ug/kg dry	207	414	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,PADEP	03/28/2018 14:21	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
65-85-0	Benzoic acid	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH

Sample Information

Client Sample ID: 2MW-05 8-12 **York Sample ID:** 18C0849-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

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
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
105-60-2	Caprolactam	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
86-74-8	Carbazole	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
218-01-9	Chrysene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
206-44-0	Fluoranthene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
86-73-7	Fluorene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
78-59-1	Isophorone	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
91-20-3	Naphthalene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH

Sample Information

Client Sample ID: 2MW-05 8-12 **York Sample ID:** 18C0849-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

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
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
85-01-8	Phenanthrene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
108-95-2	Phenol	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH
129-00-0	Pyrene	ND		ug/kg dry	51.8	103	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:21	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*86.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*80.2 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*82.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*81.0 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*102 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.2 %*	*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**	**6100**		mg/kg dry	6.20	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-36-0	Antimony	ND		mg/kg dry	0.620	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.24	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-39-3	**Barium**	**34.8**		mg/kg dry	1.24	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.124	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.372	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-70-2	**Calcium**	**864**		mg/kg dry	6.20	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-47-3	**Chromium**	**7.90**		mg/kg dry	0.620	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-48-4	**Cobalt**	**5.16**		mg/kg dry	0.620	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML
7440-50-8	**Copper**	**11.6**		mg/kg dry	0.620	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:44	KML

Sample Information

Client Sample ID: 2MW-05 8-12 **York Sample ID:** 18C0849-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**7400**		mg/kg dry	2.48	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**3.52**		mg/kg dry	0.620	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1330**		mg/kg dry	6.20	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**75.9**		mg/kg dry	0.620	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**18.0**		mg/kg dry	0.620	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**549**		mg/kg dry	6.20	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.24	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.620	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**90.1**		mg/kg dry	12.4	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.24	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**11.3**		mg/kg dry	1.24	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**50.5**		mg/kg dry	1.86	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:44	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	ND		mg/kg dry	0.0372	1	EPA 7473	03/26/2018 09:47	03/26/2018 11:31	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**	**80.6**		%	0.100	1	SM 2540G	03/29/2018 12:09	03/29/2018 15:15	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: 2MW-05 11 **York Sample ID:** 18C0849-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	80	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 15:04 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: 2MW-05 11 **York Sample ID:** 18C0849-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**6.9**	SCAL-E, J	ug/kg dry	4.0	8.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	03/27/2018 07:30	03/27/2018 15:04	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-05 11 **York Sample ID:** 18C0849-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
108-87-2	**Methylcyclohexane**	**60**		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/27/2018 15:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	8.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/27/2018 15:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.0	8.0	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 15:04	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/27/2018 15:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.4 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*76-130*

Sample Information

Client Sample ID: 2MW-05 11 **York Sample ID:** 18C0849-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 12:15 pm	03/22/2018

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.5**		%	0.100	1	SM 2540G Certifications: CTDOH	03/29/2018 12:09	03/29/2018 15:15	TAJ

Sample Information

Client Sample ID: 2MW-02 8-10 **York Sample ID:** 18C0849-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

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		ug/kg dry	52.4	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	03/27/2018 13:31	03/28/2018 14:52	KH

Sample Information

Client Sample ID: 2MW-02 8-10 **York Sample ID:** 18C0849-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

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		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
91-57-6	**2-Methylnaphthalene**	**62.7**	J	ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	105	209	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	105	209	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
83-32-9	**Acenaphthene**	**285**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
208-96-8	**Acenaphthylene**	**343**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
98-86-2	Acetophenone	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
62-53-3	Aniline	ND		ug/kg dry	209	419	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
120-12-7	**Anthracene**	**330**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
1912-24-9	Atrazine	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH

Sample Information

Client Sample ID: 2MW-02 8-10 **York Sample ID:** 18C0849-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

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		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
92-87-5	Benzidine	ND		ug/kg dry	209	419	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,PADEP	03/28/2018 14:52	KH
56-55-3	**Benzo(a)anthracene**	**1000**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
50-32-8	**Benzo(a)pyrene**	**1090**	CCV-E	ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
205-99-2	**Benzo(b)fluoranthene**	**838**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
191-24-2	**Benzo(g,h,i)perylene**	**781**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
207-08-9	**Benzo(k)fluoranthene**	**714**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
65-85-0	Benzoic acid	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
105-60-2	Caprolactam	ND		ug/kg dry	105	209	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
86-74-8	**Carbazole**	**64.4**	J	ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
218-01-9	**Chrysene**	**796**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
53-70-3	**Dibenzo(a,h)anthracene**	**159**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
132-64-9	**Dibenzofuran**	**145**		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	52.4	105	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 14:52	KH

Sample Information

Client Sample ID: 2MW-02 8-10 **York Sample ID:** 18C0849-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

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**	**2230**		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**308**		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**610**		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**191**		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-86-5	Pentachlorophenol	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**919**		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1790**		ug/kg dry	52.4	105	2	EPA 8270D	03/27/2018 13:31	03/28/2018 14:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*84.6 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*80.1 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*85.2 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*81.6 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*107 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.7 %*	*24-116*

Metals, Target Analyte

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

Sample Information

Client Sample ID: 2MW-02 8-10 **York Sample ID:** 18C0849-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

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**	**7400**		mg/kg dry	6.29	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	0.629	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**5.97**		mg/kg dry	1.26	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**62.4**		mg/kg dry	1.26	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.126	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.377	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**10400**		mg/kg dry	6.29	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**14.2**		mg/kg dry	0.629	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.43**		mg/kg dry	0.629	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**30.5**		mg/kg dry	0.629	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**16200**		mg/kg dry	2.52	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**76.2**		mg/kg dry	0.629	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**3150**		mg/kg dry	6.29	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**159**		mg/kg dry	0.629	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**13.3**		mg/kg dry	0.629	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1220**		mg/kg dry	6.29	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.26	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.629	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**175**		mg/kg dry	12.6	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.26	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**17.0**		mg/kg dry	1.26	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**73.0**		mg/kg dry	1.89	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:46	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 2MW-02 8-10 **York Sample ID:** 18C0849-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

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	0.0377	1	EPA 7473	03/26/2018 09:47	03/26/2018 11:40	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**	**79.5**		%	0.100	1	SM 2540G	03/29/2018 12:09	03/29/2018 15:15	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: 2MW-02 9 **York Sample ID:** 18C0849-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			

Sample Information

Client Sample ID: **2MW-02 9** **York Sample ID:** **18C0849-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	73	150	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
78-93-3	**2-Butanone**	**26**		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
591-78-6	2-Hexanone	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-64-1	**Acetone**	**70**	CCV-E, SCAL-E	ug/kg dry	7.3	15	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30	03/28/2018 12:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: 2MW-02 9 **York Sample ID:** 18C0849-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
67-66-3	Chloroform	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
110-82-7	Cyclohexane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
79-20-9	Methyl acetate	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
75-09-2	Methylene chloride	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/28/2018 12:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.3	15	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/28/2018 12:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C Certifications:	03/28/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/28/2018 12:32	SS

Sample Information

Client Sample ID: 2MW-02 9 **York Sample ID:** 18C0849-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 2:35 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	3.7	15	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.7	7.3	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	22	1	EPA 8260C	03/28/2018 07:30	03/28/2018 12:32	SS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*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**	**67.5**		%	0.100	1	SM 2540G	03/29/2018 12:09	03/29/2018 15:15	TAJ
							Certifications:	CTDOH		

Sample Information

Client Sample ID: Dup 20180322 **York Sample ID:** 18C0849-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **Dup 20180322** **York Sample ID:** **18C0849-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/27/2018 07:30	03/27/2018 16:08	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	03/27/2018 07:30	03/27/2018 16:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	44	89	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS
67-64-1	Acetone	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 07:30	03/27/2018 16:08	SS

Sample Information

Client Sample ID: Dup 20180322 **York Sample ID:** 18C0849-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-20-9	Methyl acetate	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: **Dup 20180322** **York Sample ID:** **18C0849-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.4	8.9	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.2	8.9	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.6	13	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:08 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.6 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*76-130*

Sample Information

Client Sample ID: **Dup 20180322** **York Sample ID:** **18C0849-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

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		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 15:23	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 15:23	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,PADEP	03/28/2018 15:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH

Sample Information

Client Sample ID: **Dup 20180322** **York Sample ID:** **18C0849-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

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		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
83-32-9	Acenaphthene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
98-86-2	Acetophenone	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
62-53-3	Aniline	ND		ug/kg dry	198	396	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
120-12-7	Anthracene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
1912-24-9	Atrazine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
92-87-5	Benzidine	ND		ug/kg dry	198	396	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,PADEP	03/28/2018 15:23	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
65-85-0	Benzoic acid	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH

Sample Information

Client Sample ID: Dup 20180322 **York Sample ID:** 18C0849-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

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		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
105-60-2	Caprolactam	ND		ug/kg dry	98.8	197	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH NELAC-NY10854,NJDEP,PADEP
86-74-8	Carbazole	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
218-01-9	Chrysene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
132-64-9	Dibenzofuran	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
206-44-0	Fluoranthene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
86-73-7	Fluorene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH NELAC-NY10854,NJDEP,PADEP
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
67-72-1	Hexachloroethane	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
78-59-1	Isophorone	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP
91-20-3	Naphthalene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31	03/28/2018 15:23	KH CTDOH,NELAC-NY10854,NJDEP,PADEP

Sample Information

Client Sample ID: **Dup 20180322** **York Sample ID:** **18C0849-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

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		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
85-01-8	Phenanthrene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
108-95-2	Phenol	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH
129-00-0	Pyrene	ND		ug/kg dry	49.5	98.8	2	EPA 8270D Certifications:	03/27/2018 13:31 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/28/2018 15:23	KH

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*92.1 %*		*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*86.2 %*		*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*96.0 %*		*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*85.7 %*		*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*113 %*	S-08	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*78.4 %*		*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**	**3830**		mg/kg dry	5.92	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:48	KML
7440-36-0	Antimony	ND		mg/kg dry	0.592	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:48	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.18	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:48	KML
7440-39-3	**Barium**	**33.3**		mg/kg dry	1.18	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:48	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.118	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:48	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.355	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:48	KML
7440-70-2	**Calcium**	**584**		mg/kg dry	5.92	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:48	KML
7440-47-3	**Chromium**	**7.26**		mg/kg dry	0.592	1	EPA 6010C Certifications:	03/26/2018 09:55 CTDOH,NELAC-NY10854,NJDEP,PADEP	03/26/2018 18:48	KML

Sample Information

Client Sample ID: Dup 20180322 **York Sample ID:** 18C0849-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Soil	March 22, 2018 10:00 am	03/22/2018

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
7440-48-4	**Cobalt**	**4.44**		mg/kg dry	0.592	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**20.6**		mg/kg dry	0.592	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**6990**		mg/kg dry	2.37	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**2.26**		mg/kg dry	0.592	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1020**		mg/kg dry	5.92	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**229**		mg/kg dry	0.592	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**7.82**		mg/kg dry	0.592	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**530**		mg/kg dry	5.92	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	1.18	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.592	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**141**		mg/kg dry	11.8	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.18	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**10.6**		mg/kg dry	1.18	1	EPA 6010C	03/26/2018 09:55	03/26/2018 18:48	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**32.6**		mg/kg dry	1.78	1	EPA 6010C	03/26/2018 09:55	03/26/2018 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	0.0355	1	EPA 7473	03/26/2018 09:47	03/26/2018 11:49	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**	**84.4**		%	0.100	1	SM 2540G	03/29/2018 12:09	03/29/2018 15:15	TAJ
							Certifications: CTDOH			

Sample Information

Client Sample ID: TB 20180322 **York Sample ID:** 18C0849-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Water	March 22, 2018 3:00 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS

Sample Information

Client Sample ID: TB 20180322 **York Sample ID:** 18C0849-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Water	March 22, 2018 3:00 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30	03/27/2018 16:00 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	SS

Sample Information

Client Sample ID: TB 20180322 **York Sample ID:** 18C0849-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Water	March 22, 2018 3:00 pm	03/22/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/27/2018 16:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	03/27/2018 16:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	03/27/2018 07:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	03/27/2018 16:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	03/27/2018 07:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	03/27/2018 16:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*104 %*	*79-122*

Sample Information

Client Sample ID: **TB 20180322** **York Sample ID:** **18C0849-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18C0849	GQ14076	Water	March 22, 2018 3:00 pm	03/22/2018

Analytical Batch Summary

Batch ID: BC81139 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0849-01	2MW-04 8-12	03/26/18
18C0849-03	2MW-05 8-12	03/26/18
18C0849-05	2MW-02 8-10	03/26/18
18C0849-09	Dup 20180322	03/26/18
BC81139-BLK1	Blank	03/26/18
BC81139-SRM1	Reference	03/26/18

Batch ID: BC81140 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18C0849-01	2MW-04 8-12	03/26/18
18C0849-03	2MW-05 8-12	03/26/18
18C0849-05	2MW-02 8-10	03/26/18
18C0849-09	Dup 20180322	03/26/18
BC81140-BLK1	Blank	03/26/18
BC81140-SRM1	Reference	03/26/18

Batch ID: BC81190 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18C0849-02	2MW-04 8	03/27/18
18C0849-04	2MW-05 11	03/27/18
18C0849-09	Dup 20180322	03/27/18
BC81190-BLK1	Blank	03/27/18
BC81190-BLK2	Blank	03/27/18
BC81190-BS1	LCS	03/27/18
BC81190-BSD1	LCS Dup	03/27/18

Batch ID: BC81192 **Preparation Method:** EPA 5030B **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18C0849-10	TB 20180322	03/27/18
BC81192-BLK1	Blank	03/27/18
BC81192-BS1	LCS	03/27/18
BC81192-BSD1	LCS Dup	03/27/18

Batch ID: BC81218 **Preparation Method:** EPA 3550C **Prepared By:** AB

YORK Sample ID	Client Sample ID	Preparation Date
18C0849-01	2MW-04 8-12	03/27/18
18C0849-03	2MW-05 8-12	03/27/18
18C0849-05	2MW-02 8-10	03/27/18
18C0849-09	Dup 20180322	03/27/18

BC81218-BLK1	Blank	03/27/18
BC81218-BS1	LCS	03/27/18

Batch ID: BC81239 **Preparation Method:** EPA 5035A **Prepared By:** TAB

YORK Sample ID	Client Sample ID	Preparation Date
18C0849-06	2MW-02 9	03/28/18
BC81239-BLK1	Blank	03/28/18
BC81239-BS1	LCS	03/28/18
BC81239-BSD1	LCS Dup	03/28/18

Batch ID: BC81285 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0849-01	2MW-04 8-12	03/28/18

Batch ID: BC81336 **Preparation Method:** % Solids Prep **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
18C0849-02	2MW-04 8	03/29/18
18C0849-03	2MW-05 8-12	03/29/18
18C0849-04	2MW-05 11	03/29/18
18C0849-05	2MW-02 8-10	03/29/18
18C0849-06	2MW-02 9	03/29/18
18C0849-09	Dup 20180322	03/29/18

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 BC81190 - EPA 5035A											
Blank (BC81190-BLK1)											Prepared & Analyzed: 03/27/2018
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								

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 BC81190 - EPA 5035A											
Blank (BC81190-BLK1)											Prepared & Analyzed: 03/27/2018
n-Butylbenzene	ND	5.0	ug/kg wet								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*46.4*		*ug/L*	*50.0*		*92.9*	*77-125*				
Surrogate: Toluene-d8	*52.6*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				
Blank (BC81190-BLK2)											Prepared & Analyzed: 03/27/2018
1,1,1,2-Tetrachloroethane	ND	500	ug/kg wet								
1,1,1-Trichloroethane	ND	500	"								
1,1,2,2-Tetrachloroethane	ND	500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	500	"								
1,1,2-Trichloroethane	ND	500	"								
1,1-Dichloroethane	ND	500	"								
1,1-Dichloroethylene	ND	500	"								
1,2,3-Trichlorobenzene	ND	500	"								
1,2,3-Trichloropropane	ND	500	"								
1,2,4-Trichlorobenzene	ND	500	"								
1,2,4-Trimethylbenzene	ND	500	"								
1,2-Dibromo-3-chloropropane	ND	500	"								
1,2-Dibromoethane	ND	500	"								
1,2-Dichlorobenzene	ND	500	"								
1,2-Dichloroethane	ND	500	"								
1,2-Dichloropropane	ND	500	"								
1,3,5-Trimethylbenzene	ND	500	"								
1,3-Dichlorobenzene	ND	500	"								
1,4-Dichlorobenzene	ND	500	"								
1,4-Dioxane	ND	10000	"								
2-Butanone	ND	500	"								
2-Hexanone	ND	500	"								
4-Methyl-2-pentanone	ND	500	"								
Acetone	ND	1000	"								
Acrolein	ND	1000	"								
Acrylonitrile	ND	500	"								
Benzene	ND	500	"								
Bromochloromethane	ND	500	"								
Bromodichloromethane	ND	500	"								

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 BC81190 - EPA 5035A											
Blank (BC81190-BLK2)											
Prepared & Analyzed: 03/27/2018											
Bromoform	ND	500	ug/kg wet								
Bromomethane	ND	500	"								
Carbon disulfide	ND	500	"								
Carbon tetrachloride	ND	500	"								
Chlorobenzene	ND	500	"								
Chloroethane	ND	500	"								
Chloroform	ND	500	"								
Chloromethane	ND	500	"								
cis-1,2-Dichloroethylene	ND	500	"								
cis-1,3-Dichloropropylene	ND	500	"								
Cyclohexane	ND	500	"								
Dibromochloromethane	ND	500	"								
Dibromomethane	ND	500	"								
Dichlorodifluoromethane	ND	500	"								
Ethyl Benzene	ND	500	"								
Hexachlorobutadiene	ND	500	"								
Isopropylbenzene	ND	500	"								
Methyl acetate	ND	500	"								
Methyl tert-butyl ether (MTBE)	ND	500	"								
Methylcyclohexane	ND	500	"								
Methylene chloride	ND	1000	"								
n-Butylbenzene	ND	500	"								
n-Propylbenzene	ND	500	"								
o-Xylene	ND	500	"								
p- & m- Xylenes	ND	1000	"								
p-Isopropyltoluene	ND	500	"								
sec-Butylbenzene	ND	500	"								
Styrene	ND	500	"								
tert-Butyl alcohol (TBA)	ND	500	"								
tert-Butylbenzene	ND	500	"								
Tetrachloroethylene	ND	500	"								
Toluene	ND	500	"								
trans-1,2-Dichloroethylene	ND	500	"								
trans-1,3-Dichloropropylene	ND	500	"								
Trichloroethylene	ND	500	"								
Trichlorofluoromethane	ND	500	"								
Vinyl Chloride	ND	500	"								
Xylenes, Total	ND	1500	"								
Surrogate: 1,2-Dichloroethane-d4	*47.8*		*ug/L*	*50.0*		*95.5*	*77-125*				
Surrogate: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.6*		*"*	*50.0*		*99.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81190 - EPA 5035A											
LCS (BC81190-BS1)								Prepared & Analyzed: 03/27/2018			
1,1,1,2-Tetrachloroethane	48		ug/L	50.0		96.3	75-129				
1,1,1-Trichloroethane	42		"	50.0		84.2	71-137				
1,1,2,2-Tetrachloroethane	54		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		89.4	58-146				
1,1,2-Trichloroethane	49		"	50.0		98.4	83-123				
1,1-Dichloroethane	45		"	50.0		89.3	75-130				
1,1-Dichloroethylene	44		"	50.0		88.8	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		97.2	81-140				
1,2,3-Trichloropropane	51		"	50.0		102	81-126				
1,2,4-Trichlorobenzene	48		"	50.0		95.8	80-141				
1,2,4-Trimethylbenzene	50		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	74-142				
1,2-Dibromoethane	47		"	50.0		94.8	86-123				
1,2-Dichlorobenzene	49		"	50.0		98.5	85-122				
1,2-Dichloroethane	44		"	50.0		87.4	71-133				
1,2-Dichloropropane	52		"	50.0		105	81-122				
1,3,5-Trimethylbenzene	50		"	50.0		100	82-126				
1,3-Dichlorobenzene	50		"	50.0		99.6	84-124				
1,4-Dichlorobenzene	49		"	50.0		98.5	84-124				
1,4-Dioxane	1400		"	1050		130	10-228				
2-Butanone	42		"	50.0		84.9	58-147				
2-Hexanone	51		"	50.0		102	70-139				
4-Methyl-2-pentanone	51		"	50.0		102	72-132				
Acetone	33		"	50.0		66.6	36-155				
Acrolein	45		"	50.0		90.7	10-238				
Acrylonitrile	46		"	50.0		93.0	66-141				
Benzene	44		"	50.0		87.3	77-127				
Bromochloromethane	46		"	50.0		91.8	74-129				
Bromodichloromethane	50		"	50.0		100	81-124				
Bromoform	52		"	50.0		104	80-136				
Bromomethane	45		"	50.0		90.0	32-177				
Carbon disulfide	47		"	50.0		95.0	10-136				
Carbon tetrachloride	43		"	50.0		86.2	66-143				
Chlorobenzene	48		"	50.0		95.1	86-120				
Chloroethane	49		"	50.0		98.0	51-142				
Chloroform	44		"	50.0		88.1	76-131				
Chloromethane	48		"	50.0		95.3	49-132				
cis-1,2-Dichloroethylene	43		"	50.0		86.0	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		100	81-129				
Cyclohexane	46		"	50.0		91.5	70-130				
Dibromochloromethane	49		"	50.0		97.2	10-200				
Dibromomethane	48		"	50.0		95.7	83-124				
Dichlorodifluoromethane	37		"	50.0		74.4	28-158				
Ethyl Benzene	51		"	50.0		102	84-125				
Hexachlorobutadiene	52		"	50.0		104	83-133				
Isopropylbenzene	50		"	50.0		100	81-127				
Methyl acetate	49		"	50.0		97.7	41-143				
Methyl tert-butyl ether (MTBE)	45		"	50.0		89.6	74-131				
Methylcyclohexane	50		"	50.0		100	70-130				
Methylene chloride	36		"	50.0		71.7	57-141				
n-Butylbenzene	52		"	50.0		104	80-130				

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 BC81190 - EPA 5035A											
LCS (BC81190-BS1)								Prepared & Analyzed: 03/27/2018			
n-Propylbenzene	52		ug/L	50.0		104	74-136				
o-Xylene	51		"	50.0		102	83-123				
p- & m- Xylenes	100		"	100		99.9	82-128				
p-Isopropyltoluene	51		"	50.0		103	85-125				
sec-Butylbenzene	53		"	50.0		105	83-125				
Styrene	48		"	50.0		96.1	86-126				
tert-Butyl alcohol (TBA)	230		"	250		93.6	70-130				
tert-Butylbenzene	51		"	50.0		101	80-127				
Tetrachloroethylene	45		"	50.0		90.5	80-129				
Toluene	50		"	50.0		99.9	85-121				
trans-1,2-Dichloroethylene	44		"	50.0		88.4	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		98.3	78-132				
Trichloroethylene	49		"	50.0		98.8	84-123				
Trichlorofluoromethane	46		"	50.0		91.2	62-140				
Vinyl Chloride	47		"	50.0		93.8	52-130				
Surrogate: 1,2-Dichloroethane-d4	*46.9*		*"*	*50.0*		*93.8*	*77-125*				
Surrogate: Toluene-d8	*52.3*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BC81190-BSD1)								Prepared & Analyzed: 03/27/2018			
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.2	75-129		2.04	30	
1,1,1-Trichloroethane	42		"	50.0		84.3	71-137		0.119	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		108	79-129		0.222	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.2	58-146		0.958	30	
1,1,2-Trichloroethane	50		"	50.0		99.9	83-123		1.55	30	
1,1-Dichloroethane	46		"	50.0		91.2	75-130		2.04	30	
1,1-Dichloroethylene	46		"	50.0		92.0	64-137		3.50	30	
1,2,3-Trichlorobenzene	50		"	50.0		99.4	81-140		2.24	30	
1,2,3-Trichloropropane	51		"	50.0		101	81-126		1.12	30	
1,2,4-Trichlorobenzene	48		"	50.0		96.1	80-141		0.313	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		1.69	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		109	74-142		0.886	30	
1,2-Dibromoethane	49		"	50.0		97.9	86-123		3.24	30	
1,2-Dichlorobenzene	50		"	50.0		99.8	85-122		1.33	30	
1,2-Dichloroethane	44		"	50.0		87.0	71-133		0.436	30	
1,2-Dichloropropane	54		"	50.0		107	81-122		2.51	30	
1,3,5-Trimethylbenzene	50		"	50.0		100	82-126		0.499	30	
1,3-Dichlorobenzene	49		"	50.0		98.9	84-124		0.766	30	
1,4-Dichlorobenzene	49		"	50.0		98.5	84-124		0.0609	30	
1,4-Dioxane	1200		"	1050		119	10-228		9.50	30	
2-Butanone	45		"	50.0		89.3	58-147		5.10	30	
2-Hexanone	53		"	50.0		106	70-139		3.71	30	
4-Methyl-2-pentanone	52		"	50.0		104	72-132		2.01	30	
Acetone	34		"	50.0		67.8	36-155		1.82	30	
Acrolein	48		"	50.0		96.3	10-238		6.03	30	
Acrylonitrile	48		"	50.0		95.8	66-141		3.05	30	
Benzene	45		"	50.0		89.0	77-127		2.02	30	
Bromochloromethane	46		"	50.0		92.0	74-129		0.261	30	
Bromodichloromethane	53		"	50.0		105	81-124		4.99	30	
Bromoform	52		"	50.0		104	80-136		0.462	30	
Bromomethane	48		"	50.0		96.7	32-177		7.11	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 BC81190 - EPA 5035A											
LCS Dup (BC81190-BSD1)								Prepared & Analyzed: 03/27/2018			
Carbon disulfide	48		ug/L	50.0		95.8	10-136		0.839	30	
Carbon tetrachloride	43		"	50.0		85.7	66-143		0.582	30	
Chlorobenzene	48		"	50.0		96.0	86-120		0.963	30	
Chloroethane	50		"	50.0		100	51-142		2.44	30	
Chloroform	45		"	50.0		89.9	76-131		2.07	30	
Chloromethane	48		"	50.0		97.0	49-132		1.81	30	
cis-1,2-Dichloroethylene	43		"	50.0		86.4	74-132		0.418	30	
cis-1,3-Dichloropropylene	51		"	50.0		101	81-129		1.01	30	
Cyclohexane	47		"	50.0		93.4	70-130		1.99	30	
Dibromochloromethane	50		"	50.0		99.2	10-200		2.04	30	
Dibromomethane	50		"	50.0		100	83-124		4.64	30	
Dichlorodifluoromethane	38		"	50.0		76.7	28-158		3.12	30	
Ethyl Benzene	51		"	50.0		102	84-125		0.295	30	
Hexachlorobutadiene	54		"	50.0		107	83-133		2.71	30	
Isopropylbenzene	49		"	50.0		97.8	81-127		2.32	30	
Methyl acetate	45		"	50.0		89.6	41-143		8.69	30	
Methyl tert-butyl ether (MTBE)	46		"	50.0		91.3	74-131		1.86	30	
Methylcyclohexane	52		"	50.0		104	70-130		3.64	30	
Methylene chloride	37		"	50.0		74.3	57-141		3.56	30	
n-Butylbenzene	54		"	50.0		107	80-130		2.87	30	
n-Propylbenzene	52		"	50.0		105	74-136		0.728	30	
o-Xylene	52		"	50.0		103	83-123		1.60	30	
p- & m- Xylenes	100		"	100		102	82-128		1.83	30	
p-Isopropyltoluene	51		"	50.0		103	85-125		0.0195	30	
sec-Butylbenzene	54		"	50.0		108	83-125		2.07	30	
Styrene	49		"	50.0		98.1	86-126		2.06	30	
tert-Butyl alcohol (TBA)	240		"	250		96.9	70-130		3.41	30	
tert-Butylbenzene	51		"	50.0		102	80-127		0.0788	30	
Tetrachloroethylene	45		"	50.0		90.5	80-129		0.00	30	
Toluene	50		"	50.0		100	85-121		0.140	30	
trans-1,2-Dichloroethylene	45		"	50.0		90.9	72-132		2.74	30	
trans-1,3-Dichloropropylene	50		"	50.0		100	78-132		1.77	30	
Trichloroethylene	50		"	50.0		99.6	84-123		0.786	30	
Trichlorofluoromethane	47		"	50.0		93.8	62-140		2.81	30	
Vinyl Chloride	48		"	50.0		96.6	52-130		2.96	30	
Surrogate: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.8*	*77-125*				
Surrogate: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81192 - EPA 5030B											
Blank (BC81192-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.4	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	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	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								

Prepared & Analyzed: 03/27/2018

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81192 - EPA 5030B											
Blank (BC81192-BLK1)								Prepared & Analyzed: 03/27/2018			
n-Propylbenzene	ND	0.50	ug/L								
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	1.0	"								
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 Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*69-130*				
Surrogate: Toluene-d8	*9.97*		*"*	*10.0*		*99.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BC81192-BS1)								Prepared & Analyzed: 03/27/2018			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		108	82-126				
1,1,1-Trichloroethane	10		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		101	54-165				
1,1,2-Trichloroethane	10		"	10.0		104	82-123				
1,1-Dichloroethane	11		"	10.0		112	82-129				
1,1-Dichloroethylene	11		"	10.0		112	68-138				
1,2,3-Trichlorobenzene	11		"	10.0		114	76-136				
1,2,3-Trichloropropane	11		"	10.0		111	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		105	76-137				
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	11		"	10.0		105	45-147				
1,2-Dibromoethane	11		"	10.0		106	83-124				
1,2-Dichlorobenzene	10		"	10.0		104	79-123				
1,2-Dichloroethane	12		"	10.0		116	73-132				
1,2-Dichloropropane	12		"	10.0		115	78-126				
1,3,5-Trimethylbenzene	11		"	10.0		106	80-131				
1,3-Dichlorobenzene	10		"	10.0		102	86-122				
1,4-Dichlorobenzene	10		"	10.0		100	85-124				
1,4-Dioxane	290		"	210		138	10-349				
2-Butanone	10		"	10.0		103	49-152				
2-Hexanone	12		"	10.0		124	51-146				
4-Methyl-2-pentanone	13		"	10.0		126	57-145				
Acetone	11		"	10.0		108	14-150				
Acrolein	2.9		"	10.0		29.1	10-153				
Acrylonitrile	11		"	10.0		107	51-150				
Benzene	11		"	10.0		107	85-126				
Bromochloromethane	12		"	10.0		122	77-128				
Bromodichloromethane	11		"	10.0		107	79-128				
Bromoform	9.9		"	10.0		99.3	78-133				

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 BC81192 - EPA 5030B											
LCS (BC81192-BS1)							Prepared & Analyzed: 03/27/2018				
Bromomethane	8.6		ug/L	10.0		85.5	43-168				
Carbon disulfide	10		"	10.0		104	68-146				
Carbon tetrachloride	11		"	10.0		105	77-141				
Chlorobenzene	11		"	10.0		106	88-120				
Chloroethane	11		"	10.0		111	65-136				
Chloroform	11		"	10.0		107	82-128				
Chloromethane	13		"	10.0		133	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		112	83-129				
cis-1,3-Dichloropropylene	9.8		"	10.0		98.2	80-131				
Cyclohexane	12		"	10.0		125	63-149				
Dibromochloromethane	10		"	10.0		104	80-130				
Dibromomethane	10		"	10.0		103	72-134				
Dichlorodifluoromethane	9.5		"	10.0		95.3	44-144				
Ethyl Benzene	11		"	10.0		109	80-131				
Hexachlorobutadiene	10		"	10.0		102	67-146				
Isopropylbenzene	10		"	10.0		105	76-140				
Methyl acetate	12		"	10.0		115	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		110	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	11		"	10.0		113	55-137				
n-Butylbenzene	10		"	10.0		104	79-132				
n-Propylbenzene	11		"	10.0		107	78-133				
o-Xylene	11		"	10.0		110	78-130				
p- & m- Xylenes	22		"	20.0		109	77-133				
p-Isopropyltoluene	10		"	10.0		104	81-136				
sec-Butylbenzene	11		"	10.0		109	79-137				
Styrene	11		"	10.0		106	67-132				
tert-Butyl alcohol (TBA)	37		"	50.0		74.3	25-162				
tert-Butylbenzene	10		"	10.0		104	77-138				
Tetrachloroethylene	8.9		"	10.0		89.3	82-131				
Toluene	11		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		112	80-132				
trans-1,3-Dichloropropylene	9.8		"	10.0		98.0	78-131				
Trichloroethylene	10		"	10.0		103	82-128				
Trichlorofluoromethane	11		"	10.0		110	67-139				
Vinyl Chloride	11		"	10.0		107	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81192 - EPA 5030B											
LCS Dup (BC81192-BSD1)								Prepared & Analyzed: 03/27/2018			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		106	82-126		2.52	30	
1,1,1-Trichloroethane	9.9		"	10.0		99.1	78-136		4.92	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-129		6.66	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.4		"	10.0		83.9	54-165		18.5	30	
1,1,2-Trichloroethane	9.8		"	10.0		97.7	82-123		5.96	30	
1,1-Dichloroethane	11		"	10.0		109	82-129		2.45	30	
1,1-Dichloroethylene	11		"	10.0		106	68-138		5.04	30	
1,2,3-Trichlorobenzene	9.8		"	10.0		98.2	76-136		15.3	30	
1,2,3-Trichloropropane	10		"	10.0		103	77-128		7.01	30	
1,2,4-Trichlorobenzene	9.9		"	10.0		99.3	76-137		5.48	30	
1,2,4-Trimethylbenzene	10		"	10.0		104	82-132		1.24	30	
1,2-Dibromo-3-chloropropane	9.6		"	10.0		95.8	45-147		9.26	30	
1,2-Dibromoethane	9.8		"	10.0		98.0	83-124		7.37	30	
1,2-Dichlorobenzene	10		"	10.0		101	79-123		2.73	30	
1,2-Dichloroethane	11		"	10.0		111	73-132		3.70	30	
1,2-Dichloropropane	11		"	10.0		112	78-126		2.99	30	
1,3,5-Trimethylbenzene	10		"	10.0		104	80-131		2.10	30	
1,3-Dichlorobenzene	10		"	10.0		102	86-122		0.295	30	
1,4-Dichlorobenzene	9.9		"	10.0		98.6	85-124		1.91	30	
1,4-Dioxane	120		"	210		55.4	10-349		85.3	30	Non-dir.
2-Butanone	8.7		"	10.0		86.8	49-152		17.1	30	
2-Hexanone	11		"	10.0		110	51-146		12.4	30	
4-Methyl-2-pentanone	11		"	10.0		114	57-145		9.34	30	
Acetone	9.1		"	10.0		90.8	14-150		17.2	30	
Acrolein	2.8		"	10.0		28.4	10-153		2.43	30	
Acrylonitrile	8.8		"	10.0		87.9	51-150		20.0	30	
Benzene	10		"	10.0		103	85-126		3.92	30	
Bromochloromethane	11		"	10.0		115	77-128		5.84	30	
Bromodichloromethane	10		"	10.0		103	79-128		4.00	30	
Bromoform	9.3		"	10.0		93.1	78-133		6.44	30	
Bromomethane	9.6		"	10.0		95.9	43-168		11.5	30	
Carbon disulfide	9.9		"	10.0		98.7	68-146		4.84	30	
Carbon tetrachloride	9.9		"	10.0		98.6	77-141		6.48	30	
Chlorobenzene	10		"	10.0		101	88-120		4.73	30	
Chloroethane	11		"	10.0		107	65-136		3.94	30	
Chloroform	10		"	10.0		103	82-128		3.53	30	
Chloromethane	12		"	10.0		124	43-155		6.68	30	
cis-1,2-Dichloroethylene	11		"	10.0		108	83-129		4.28	30	
cis-1,3-Dichloropropylene	9.6		"	10.0		95.7	80-131		2.58	30	
Cyclohexane	10		"	10.0		104	63-149		18.4	30	
Dibromochloromethane	10		"	10.0		99.9	80-130		4.02	30	
Dibromomethane	10		"	10.0		100	72-134		2.75	30	
Dichlorodifluoromethane	8.0		"	10.0		79.5	44-144		18.1	30	
Ethyl Benzene	10		"	10.0		105	80-131		3.65	30	
Hexachlorobutadiene	9.5		"	10.0		95.1	67-146		7.20	30	
Isopropylbenzene	10		"	10.0		102	76-140		2.51	30	
Methyl acetate	10		"	10.0		102	51-139		12.2	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135		5.98	30	
Methylcyclohexane	8.6		"	10.0		86.1	72-143		18.4	30	
Methylene chloride	11		"	10.0		108	55-137		4.16	30	
n-Butylbenzene	10		"	10.0		103	79-132		1.16	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 BC81192 - EPA 5030B											
LCS Dup (BC81192-BSD1)								Prepared & Analyzed: 03/27/2018			
n-Propylbenzene	10		ug/L	10.0		105	78-133		1.70	30	
o-Xylene	11		"	10.0		106	78-130		3.34	30	
p- & m- Xylenes	21		"	20.0		106	77-133		2.55	30	
p-Isopropyltoluene	10		"	10.0		103	81-136		1.06	30	
sec-Butylbenzene	11		"	10.0		107	79-137		1.76	30	
Styrene	10		"	10.0		102	67-132		3.74	30	
tert-Butyl alcohol (TBA)	30		"	50.0		60.4	25-162		20.6	30	
tert-Butylbenzene	10		"	10.0		102	77-138		2.23	30	
Tetrachloroethylene	8.7		"	10.0		87.0	82-131		2.61	30	
Toluene	10		"	10.0		104	80-127		2.76	30	
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132		3.35	30	
trans-1,3-Dichloropropylene	9.5		"	10.0		94.8	78-131		3.32	30	
Trichloroethylene	10		"	10.0		100	82-128		2.96	30	
Trichlorofluoromethane	9.8		"	10.0		98.5	67-139		11.2	30	
Vinyl Chloride	10		"	10.0		102	58-145		4.86	30	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				
Batch BC81239 - EPA 5035A											
Blank (BC81239-BLK1)								Prepared & Analyzed: 03/28/2018			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2-Butanone	ND	5.0	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	5.0	"								
Benzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								

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 BC81239 - EPA 5035A											
Blank (BC81239-BLK1)											
Prepared & Analyzed: 03/28/2018											
Bromoform	ND	5.0	ug/kg wet								
Bromomethane	ND	5.0	"								
Carbon disulfide	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Cyclohexane	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl acetate	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylcyclohexane	ND	5.0	"								
Methylene chloride	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butyl alcohol (TBA)	ND	10	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Surrogate: 1,2-Dichloroethane-d4	*47.9*		*ug/L*	*50.0*		*95.8*	*77-125*				
Surrogate: Toluene-d8	*53.2*		*"*	*50.0*		*106*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.9*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81239 - EPA 5035A											
LCS (BC81239-BS1)								Prepared & Analyzed: 03/28/2018			
1,1,1,2-Tetrachloroethane	48		ug/L	50.0		95.0	75-129				
1,1,1-Trichloroethane	41		"	50.0		81.6	71-137				
1,1,2,2-Tetrachloroethane	52		"	50.0		104	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	42		"	50.0		84.9	58-146				
1,1,2-Trichloroethane	48		"	50.0		97.0	83-123				
1,1-Dichloroethane	44		"	50.0		87.3	75-130				
1,1-Dichloroethylene	43		"	50.0		85.5	64-137				
1,2,3-Trichlorobenzene	48		"	50.0		96.5	81-140				
1,2,3-Trichloropropane	48		"	50.0		96.9	81-126				
1,2,4-Trichlorobenzene	48		"	50.0		95.3	80-141				
1,2,4-Trimethylbenzene	48		"	50.0		97.0	84-125				
1,2-Dibromo-3-chloropropane	54		"	50.0		109	74-142				
1,2-Dibromoethane	49		"	50.0		97.5	86-123				
1,2-Dichlorobenzene	48		"	50.0		96.3	85-122				
1,2-Dichloroethane	42		"	50.0		84.0	71-133				
1,2-Dichloropropane	52		"	50.0		104	81-122				
1,3,5-Trimethylbenzene	48		"	50.0		95.2	82-126				
1,3-Dichlorobenzene	47		"	50.0		94.8	84-124				
1,4-Dichlorobenzene	47		"	50.0		94.6	84-124				
1,4-Dioxane	1300		"	1050		125	10-228				
2-Butanone	45		"	50.0		89.5	58-147				
2-Hexanone	52		"	50.0		105	70-139				
4-Methyl-2-pentanone	52		"	50.0		103	72-132				
Acetone	38		"	50.0		75.4	36-155				
Acrolein	44		"	50.0		87.2	10-238				
Acrylonitrile	47		"	50.0		93.7	66-141				
Benzene	43		"	50.0		85.1	77-127				
Bromochloromethane	44		"	50.0		88.4	74-129				
Bromodichloromethane	50		"	50.0		101	81-124				
Bromoform	50		"	50.0		99.8	80-136				
Bromomethane	44		"	50.0		87.9	32-177				
Carbon disulfide	44		"	50.0		88.9	10-136				
Carbon tetrachloride	42		"	50.0		83.8	66-143				
Chlorobenzene	47		"	50.0		93.9	86-120				
Chloroethane	40		"	50.0		79.8	51-142				
Chloroform	44		"	50.0		87.0	76-131				
Chloromethane	43		"	50.0		86.0	49-132				
cis-1,2-Dichloroethylene	42		"	50.0		84.1	74-132				
cis-1,3-Dichloropropylene	50		"	50.0		99.2	81-129				
Cyclohexane	43		"	50.0		86.8	70-130				
Dibromochloromethane	48		"	50.0		95.7	10-200				
Dibromomethane	48		"	50.0		95.2	83-124				
Dichlorodifluoromethane	19		"	50.0		37.9	28-158				
Ethyl Benzene	49		"	50.0		98.5	84-125				
Hexachlorobutadiene	51		"	50.0		102	83-133				
Isopropylbenzene	47		"	50.0		93.8	81-127				
Methyl acetate	42		"	50.0		83.5	41-143				
Methyl tert-butyl ether (MTBE)	44		"	50.0		88.4	74-131				
Methylcyclohexane	50		"	50.0		99.0	70-130				
Methylene chloride	35		"	50.0		70.4	57-141				
n-Butylbenzene	50		"	50.0		99.6	80-130				

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 BC81239 - EPA 5035A											
LCS (BC81239-BS1)								Prepared & Analyzed: 03/28/2018			
n-Propylbenzene	49		ug/L	50.0		98.3	74-136				
o-Xylene	50		"	50.0		99.7	83-123				
p- & m- Xylenes	100		"	100		99.9	82-128				
p-Isopropyltoluene	48		"	50.0		97.0	85-125				
sec-Butylbenzene	50		"	50.0		101	83-125				
Styrene	48		"	50.0		95.8	86-126				
tert-Butyl alcohol (TBA)	240		"	250		97.1	70-130				
tert-Butylbenzene	48		"	50.0		96.4	80-127				
Tetrachloroethylene	44		"	50.0		87.2	80-129				
Toluene	48		"	50.0		96.9	85-121				
trans-1,2-Dichloroethylene	43		"	50.0		85.1	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		97.7	78-132				
Trichloroethylene	49		"	50.0		98.0	84-123				
Trichlorofluoromethane	44		"	50.0		87.5	62-140				
Vinyl Chloride	35		"	50.0		69.2	52-130				
Surrogate: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.6*	*77-125*				
Surrogate: Toluene-d8	*52.5*		*"*	*50.0*		*105*	*85-120*				
Surrogate: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.5*	*76-130*				
LCS Dup (BC81239-BSD1)								Prepared & Analyzed: 03/28/2018			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		99.0	75-129		4.12	30	
1,1,1-Trichloroethane	43		"	50.0		86.0	71-137		5.23	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129		2.12	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44		"	50.0		88.8	58-146		4.51	30	
1,1,2-Trichloroethane	51		"	50.0		101	83-123		4.20	30	
1,1-Dichloroethane	46		"	50.0		92.5	75-130		5.81	30	
1,1-Dichloroethylene	46		"	50.0		92.2	64-137		7.50	30	
1,2,3-Trichlorobenzene	49		"	50.0		97.3	81-140		0.846	30	
1,2,3-Trichloropropane	51		"	50.0		101	81-126		4.58	30	
1,2,4-Trichlorobenzene	46		"	50.0		92.7	80-141		2.81	30	
1,2,4-Trimethylbenzene	51		"	50.0		101	84-125		4.26	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		115	74-142		5.98	30	
1,2-Dibromoethane	50		"	50.0		101	86-123		3.03	30	
1,2-Dichlorobenzene	50		"	50.0		99.5	85-122		3.27	30	
1,2-Dichloroethane	45		"	50.0		89.9	71-133		6.81	30	
1,2-Dichloropropane	54		"	50.0		108	81-122		3.15	30	
1,3,5-Trimethylbenzene	50		"	50.0		100	82-126		5.24	30	
1,3-Dichlorobenzene	48		"	50.0		96.8	84-124		2.17	30	
1,4-Dichlorobenzene	48		"	50.0		96.3	84-124		1.80	30	
1,4-Dioxane	1300		"	1050		120	10-228		4.05	30	
2-Butanone	46		"	50.0		92.3	58-147		3.15	30	
2-Hexanone	53		"	50.0		106	70-139		0.817	30	
4-Methyl-2-pentanone	53		"	50.0		106	72-132		2.74	30	
Acetone	37		"	50.0		74.6	36-155		1.07	30	
Acrolein	37		"	50.0		74.2	10-238		16.2	30	
Acrylonitrile	49		"	50.0		97.1	66-141		3.57	30	
Benzene	46		"	50.0		91.3	77-127		7.00	30	
Bromochloromethane	46		"	50.0		91.5	74-129		3.51	30	
Bromodichloromethane	52		"	50.0		105	81-124		4.09	30	
Bromoform	53		"	50.0		105	80-136		5.34	30	
Bromomethane	48		"	50.0		95.6	32-177		8.39	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 BC81239 - EPA 5035A											
LCS Dup (BC81239-BSD1)								Prepared & Analyzed: 03/28/2018			
Carbon disulfide	49		ug/L	50.0		97.8	10-136		9.49	30	
Carbon tetrachloride	44		"	50.0		87.6	66-143		4.39	30	
Chlorobenzene	48		"	50.0		95.4	86-120		1.61	30	
Chloroethane	45		"	50.0		89.2	51-142		11.1	30	
Chloroform	45		"	50.0		90.9	76-131		4.32	30	
Chloromethane	48		"	50.0		96.8	49-132		11.7	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.5	74-132		5.12	30	
cis-1,3-Dichloropropylene	49		"	50.0		97.1	81-129		2.18	30	
Cyclohexane	47		"	50.0		93.0	70-130		6.87	30	
Dibromochloromethane	50		"	50.0		99.3	10-200		3.73	30	
Dibromomethane	49		"	50.0		97.5	83-124		2.41	30	
Dichlorodifluoromethane	25		"	50.0		50.0	28-158		27.4	30	
Ethyl Benzene	50		"	50.0		101	84-125		2.33	30	
Hexachlorobutadiene	51		"	50.0		102	83-133		0.921	30	
Isopropylbenzene	50		"	50.0		99.3	81-127		5.74	30	
Methyl acetate	50		"	50.0		101	41-143		18.9	30	
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.9	74-131		5.95	30	
Methylcyclohexane	50		"	50.0		100	70-130		1.38	30	
Methylene chloride	38		"	50.0		75.5	57-141		6.96	30	
n-Butylbenzene	51		"	50.0		102	80-130		2.38	30	
n-Propylbenzene	51		"	50.0		102	74-136		3.44	30	
o-Xylene	52		"	50.0		103	83-123		3.51	30	
p- & m- Xylenes	100		"	100		101	82-128		0.797	30	
p-Isopropyltoluene	50		"	50.0		100	85-125		3.29	30	
sec-Butylbenzene	52		"	50.0		104	83-125		2.84	30	
Styrene	49		"	50.0		98.0	86-126		2.25	30	
tert-Butyl alcohol (TBA)	250		"	250		101	70-130		3.62	30	
tert-Butylbenzene	50		"	50.0		100	80-127		3.73	30	
Tetrachloroethylene	44		"	50.0		88.4	80-129		1.43	30	
Toluene	50		"	50.0		101	85-121		3.96	30	
trans-1,2-Dichloroethylene	46		"	50.0		91.3	72-132		7.03	30	
trans-1,3-Dichloropropylene	47		"	50.0		95.0	78-132		2.82	30	
Trichloroethylene	50		"	50.0		101	84-123		2.60	30	
Trichlorofluoromethane	47		"	50.0		93.6	62-140		6.73	30	
Vinyl Chloride	48		"	50.0		95.6	52-130		32.1	30	Non-dir.
Surrogate: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.5*	*77-125*				
Surrogate: Toluene-d8	*53.0*		*"*	*50.0*		*106*	*85-120*				
Surrogate: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.8*	*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 BC81218 - EPA 3550C											
Blank (BC81218-BLK1)											
1,1-Biphenyl	ND	41.7	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.3	"								
1,2,4-Trichlorobenzene	ND	41.7	"								
1,2-Dichlorobenzene	ND	41.7	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.7	"								
1,3-Dichlorobenzene	ND	41.7	"								
1,4-Dichlorobenzene	ND	41.7	"								
2,3,4,6-Tetrachlorophenol	ND	83.3	"								
2,4,5-Trichlorophenol	ND	41.7	"								
2,4,6-Trichlorophenol	ND	41.7	"								
2,4-Dichlorophenol	ND	41.7	"								
2,4-Dimethylphenol	ND	41.7	"								
2,4-Dinitrophenol	ND	83.3	"								
2,4-Dinitrotoluene	ND	41.7	"								
2,6-Dinitrotoluene	ND	41.7	"								
2-Chloronaphthalene	ND	41.7	"								
2-Chlorophenol	ND	41.7	"								
2-Methylnaphthalene	ND	41.7	"								
2-Methylphenol	ND	41.7	"								
2-Nitroaniline	ND	83.3	"								
2-Nitrophenol	ND	41.7	"								
3- & 4-Methylphenols	ND	41.7	"								
3,3-Dichlorobenzidine	ND	41.7	"								
3-Nitroaniline	ND	83.3	"								
4,6-Dinitro-2-methylphenol	ND	83.3	"								
4-Bromophenyl phenyl ether	ND	41.7	"								
4-Chloro-3-methylphenol	ND	41.7	"								
4-Chloroaniline	ND	41.7	"								
4-Chlorophenyl phenyl ether	ND	41.7	"								
4-Nitroaniline	ND	83.3	"								
4-Nitrophenol	ND	83.3	"								
Acenaphthene	ND	41.7	"								
Acenaphthylene	ND	41.7	"								
Acetophenone	ND	41.7	"								
Aniline	ND	167	"								
Anthracene	ND	41.7	"								
Atrazine	ND	41.7	"								
Benzaldehyde	ND	41.7	"								
Benzidine	ND	167	"								
Benzo(a)anthracene	ND	41.7	"								
Benzo(a)pyrene	ND	41.7	"								
Benzo(b)fluoranthene	ND	41.7	"								
Benzo(g,h,i)perylene	ND	41.7	"								
Benzo(k)fluoranthene	ND	41.7	"								
Benzoic acid	ND	41.7	"								
Benzyl alcohol	ND	41.7	"								
Benzyl butyl phthalate	ND	41.7	"								
Bis(2-chloroethoxy)methane	ND	41.7	"								
Bis(2-chloroethyl)ether	ND	41.7	"								
Bis(2-chloroisopropyl)ether	ND	41.7	"								
Bis(2-ethylhexyl)phthalate	ND	41.7	"								

Prepared: 03/27/2018 Analyzed: 03/28/2018

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 BC81218 - EPA 3550C											
Blank (BC81218-BLK1)											
Prepared: 03/27/2018 Analyzed: 03/28/2018											
Caprolactam	ND	83.3	ug/kg wet								
Carbazole	ND	41.7	"								
Chrysene	ND	41.7	"								
Dibenzo(a,h)anthracene	ND	41.7	"								
Dibenzofuran	ND	41.7	"								
Diethyl phthalate	ND	41.7	"								
Dimethyl phthalate	ND	41.7	"								
Di-n-butyl phthalate	ND	41.7	"								
Di-n-octyl phthalate	ND	41.7	"								
Fluoranthene	ND	41.7	"								
Fluorene	ND	41.7	"								
Hexachlorobenzene	ND	41.7	"								
Hexachlorobutadiene	ND	41.7	"								
Hexachlorocyclopentadiene	ND	41.7	"								
Hexachloroethane	ND	41.7	"								
Indeno(1,2,3-cd)pyrene	ND	41.7	"								
Isophorone	ND	41.7	"								
Naphthalene	ND	41.7	"								
Nitrobenzene	ND	41.7	"								
N-Nitrosodimethylamine	ND	41.7	"								
N-nitroso-di-n-propylamine	ND	41.7	"								
N-Nitrosodiphenylamine	ND	41.7	"								
Pentachlorophenol	ND	41.7	"								
Phenanthrene	ND	41.7	"								
Phenol	ND	41.7	"								
Pyrene	ND	41.7	"								
Surrogate: 2-Fluorophenol	*2290*		*"*	*2570*		*89.1*	*20-108*				
Surrogate: Phenol-d5	*2070*		*"*	*2520*		*81.9*	*23-114*				
Surrogate: Nitrobenzene-d5	*1480*		*"*	*1670*		*88.6*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1410*		*"*	*1630*		*86.9*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3220*		*"*	*2570*		*126*	*19-110*				
Surrogate: Terphenyl-d14	*1510*		*"*	*1670*		*90.0*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC81218 - EPA 3550C											
LCS (BC81218-BS1)								Prepared: 03/27/2018 Analyzed: 03/28/2018			
1,1-Biphenyl	797	41.7	ug/kg wet	833		95.7	22-103				
1,2,4,5-Tetrachlorobenzene	834	83.3	"	833		100	10-144				
1,2,4-Trichlorobenzene	809	41.7	"	833		97.1	23-130				
1,2-Dichlorobenzene	729	41.7	"	833		87.4	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	582	41.7	"	833		69.8	10-140				
1,3-Dichlorobenzene	730	41.7	"	833		87.6	32-113				
1,4-Dichlorobenzene	713	41.7	"	833		85.6	28-111				
2,3,4,6-Tetrachlorophenol	765	83.3	"	833		91.8	30-130				
2,4,5-Trichlorophenol	901	41.7	"	833		108	14-138				
2,4,6-Trichlorophenol	915	41.7	"	833		110	27-122				
2,4-Dichlorophenol	853	41.7	"	833		102	23-133				
2,4-Dimethylphenol	860	41.7	"	833		103	15-131				
2,4-Dinitrophenol	1010	83.3	"	833		121	10-149				
2,4-Dinitrotoluene	1030	41.7	"	833		124	30-123	High Bias			
2,6-Dinitrotoluene	962	41.7	"	833		115	30-125				
2-Chloronaphthalene	759	41.7	"	833		91.0	22-115				
2-Chlorophenol	797	41.7	"	833		95.7	25-121				
2-Methylnaphthalene	899	41.7	"	833		108	16-127				
2-Methylphenol	732	41.7	"	833		87.8	10-146				
2-Nitroaniline	936	83.3	"	833		112	24-126				
2-Nitrophenol	983	41.7	"	833		118	17-129				
3- & 4-Methylphenols	646	41.7	"	833		77.6	20-109				
3,3-Dichlorobenzidine	727	41.7	"	833		87.2	10-147				
3-Nitroaniline	650	83.3	"	833		78.0	23-123				
4,6-Dinitro-2-methylphenol	826	83.3	"	833		99.2	10-149				
4-Bromophenyl phenyl ether	787	41.7	"	833		94.4	30-138				
4-Chloro-3-methylphenol	909	41.7	"	833		109	16-138				
4-Chloroaniline	464	41.7	"	833		55.6	10-117				
4-Chlorophenyl phenyl ether	859	41.7	"	833		103	18-132				
4-Nitroaniline	893	83.3	"	833		107	14-125				
4-Nitrophenol	815	83.3	"	833		97.8	10-136				
Acenaphthene	836	41.7	"	833		100	17-124				
Acenaphthylene	989	41.7	"	833		119	16-124				
Acetophenone	667	41.7	"	833		80.0	28-105				
Aniline	638	167	"	833		76.5	10-111				
Anthracene	758	41.7	"	833		90.9	24-124				
Atrazine	758	41.7	"	833		91.0	22-120				
Benzaldehyde	761	41.7	"	833		91.4	21-100				
Benzo(a)anthracene	890	41.7	"	833		107	25-134				
Benzo(a)pyrene	939	41.7	"	833		113	29-144				
Benzo(b)fluoranthene	796	41.7	"	833		95.6	20-151				
Benzo(g,h,i)perylene	807	41.7	"	833		96.8	10-153				
Benzo(k)fluoranthene	816	41.7	"	833		97.9	10-148				
Benzoic acid	397	41.7	"	967		41.0	10-116				
Benzyl alcohol	748	41.7	"	833		89.7	17-128				
Benzyl butyl phthalate	973	41.7	"	833		117	10-132				
Bis(2-chloroethoxy)methane	801	41.7	"	833		96.2	10-129				
Bis(2-chloroethyl)ether	696	41.7	"	833		83.5	14-125				
Bis(2-chloroisopropyl)ether	808	41.7	"	833		96.9	14-122				
Bis(2-ethylhexyl)phthalate	948	41.7	"	833		114	10-141				
Caprolactam	828	83.3	"	833		99.4	10-123				

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 BC81218 - EPA 3550C											
LCS (BC81218-BS1)									Prepared: 03/27/2018 Analyzed: 03/28/2018		
Carbazole	810	41.7	ug/kg wet	833		97.2	31-120				
Chrysene	726	41.7	"	833		87.1	24-116				
Dibenzo(a,h)anthracene	776	41.7	"	833		93.2	17-147				
Dibenzofuran	832	41.7	"	833		99.8	23-123				
Diethyl phthalate	854	41.7	"	833		103	23-122				
Dimethyl phthalate	858	41.7	"	833		103	28-127				
Di-n-butyl phthalate	877	41.7	"	833		105	19-123				
Di-n-octyl phthalate	1080	41.7	"	833		129	10-132				
Fluoranthene	793	41.7	"	833		95.1	36-125				
Fluorene	754	41.7	"	833		90.5	16-130				
Hexachlorobenzene	668	41.7	"	833		80.2	10-129				
Hexachlorobutadiene	863	41.7	"	833		104	22-153				
Hexachlorocyclopentadiene	798	41.7	"	833		95.8	10-134				
Hexachloroethane	670	41.7	"	833		80.4	20-112				
Indeno(1,2,3-cd)pyrene	822	41.7	"	833		98.6	10-155				
Isophorone	765	41.7	"	833		91.8	14-131				
Naphthalene	751	41.7	"	833		90.1	20-121				
Nitrobenzene	721	41.7	"	833		86.5	20-121				
N-Nitrosodimethylamine	713	41.7	"	833		85.6	10-124				
N-nitroso-di-n-propylamine	622	41.7	"	833		74.7	21-119				
N-Nitrosodiphenylamine	824	41.7	"	833		98.9	10-163				
Pentachlorophenol	695	41.7	"	833		83.4	10-143				
Phenanthrene	714	41.7	"	833		85.7	24-123				
Phenol	722	41.7	"	833		86.7	15-123				
Pyrene	748	41.7	"	833		89.8	24-132				
Surrogate: 2-Fluorophenol	*2560*		"	*2570*		*99.7*	*20-108*				
Surrogate: Phenol-d5	*2340*		"	*2520*		*92.6*	*23-114*				
Surrogate: Nitrobenzene-d5	*1630*		"	*1670*		*97.6*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1600*		"	*1630*		*98.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3490*		"	*2570*		*136*	*19-110*				
Surrogate: Terphenyl-d14	*1480*		"	*1670*		*88.6*	*24-116*				

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 BC81140 - EPA 3050B											
Blank (BC81140-BLK1)											Prepared & Analyzed: 03/26/2018
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.50	"								
Reference (BC81140-SRM1)											Prepared & Analyzed: 03/26/2018
Aluminum	7070	5.00	mg/kg wet	8040		88.0	39.4-160.5				
Antimony	94.1	0.500	"	91.4		103	25.1-275.7				
Arsenic	157	1.00	"	146		107	69.9-132.9				
Barium	105	1.00	"	102		103	71.5-136.3				
Beryllium	139	0.100	"	134		104	75.4-138.1				
Cadmium	68.7	0.300	"	63.2		109	73.3-141.5				
Calcium	6150	5.00	"	5930		104	73.7-136.1				
Chromium	93.5	0.500	"	89.3		105	69.1-143.3				
Cobalt	135	0.500	"	119		114	74.6-142				
Copper	66.5	0.500	"	60.8		109	72.7-141.6				
Iron	12400	2.00	"	14400		86.0	35.6-163.9				
Lead	115	0.500	"	98.5		117	70.8-137.1				
Magnesium	2540	5.00	"	2580		98.6	63.6-136.1				
Manganese	424	0.500	"	370		115	75.7-134.3				
Nickel	80.1	0.500	"	66.6		120	70.7-146.3				
Potassium	2050	5.00	"	2340		87.7	59.8-140.2				
Selenium	131	1.00	"	136		96.2	67.1-136.8				
Silver	50.8	0.500	"	48.9		104	66.5-139.5				
Sodium	298	10.0	"	318		93.6	40.6-159.8				
Thallium	145	1.00	"	138		105	68-136.2				
Vanadium	69.1	1.00	"	69.7		99.2	58.9-141.8				
Zinc	188	1.50	"	177		106	69.5-131.1				

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 BC81139 - EPA 7473 soil											
Blank (BC81139-BLK1)									Prepared & Analyzed: 03/26/2018		
Mercury	ND	0.0300	mg/kg wet								
Reference (BC81139-SRM1)									Prepared & Analyzed: 03/26/2018		
Mercury	11.699		mg/kg	13.8		84.8	57.1-143.5				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18C0849-02	2MW-04 8	40mL Vial with Stir Bar-Cool 4° C
18C0849-04	2MW-05 11	40mL Vial with Stir Bar-Cool 4° C
18C0849-06	2MW-02 9	40mL Vial with Stir Bar-Cool 4° C
18C0849-09	Dup 20180322	40mL Vial with Stir Bar-Cool 4° C
18C0849-10	TB 20180322	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18C0849

YOUR Information

Company: WCD Group
Address: 24 Davis Ave Poughkeepsie, NY
Phone No. 845-452-1658
Contact Person: Gina Wolfman
E-Mail Address: gwolfman@wcdgroup.com

Report To:

Company: SAME
Address:
Phone No.
Attention: Gina Wolfman + Christine Arnone
E-Mail Address:

Invoice To:

Company: SAME
Address:
Phone No.
Attention: Brenda Wells
E-Mail Address: bwells@wcdgroup.com

YOUR Project ID

GQ14076

Purchase Order No.

GQ14076.53

Samples from: CT ___ NY X NJ ___

Turn-Around Time

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

Report Type

- Summary Report X
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package X
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS X
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other

York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):
NYS Part 375 RRSCOs UUSCOs

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/Authorized By (Signature)
Claire Siegrist
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	TPH ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEPSewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
2MW-04 8-12	3/22/18 950	S	TCL SVOCs, TAL metals	2 8oz jars
2MW-04 8	3/22/18 950	S	TCL VOCs	4 40ml vials
2MW-05 8-12	3/22/18 1215	S	TCL SVOCs, TAL metals	2 8oz jars
2MW-05 11	3/22/18 1215	S	TCL VOCs	4 40ml vials
2MW-02 8-10	3/22/18 1435	S	TCL SVOCs, TAL metals	2 8oz jars
2MW-02 9	3/22/18 1435	S	TCL VOCs	4 40ml vials
2MW-02 14-16	3/22/18 1450	S	HOLD - TCL SVOCs, TAL metals	2 8oz jars
2MW-02 15	3/22/18 1450	S	HOLD - TCL VOCs	4 40ml vials
Dup 20180322	3/22/18 1000	S	TCL VOCs, TCL SVOCs, TAL metals	2 8oz jars, 4 40ml vials
TB20180322	3/22/18	TB	TCL VOCs	2 40ml vials

Comments
HOLD 2MW-02 14-16 & 2MW-02 15
TB= trip blank

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By: Claire Siegrist — Date/Time: 3/22/18
Samples Relinquished By — Date/Time
Samples Received By: [signature] — Date/Time: 3/22/18 320
Samples Received in LAB by: [signature] — Date/Time: 3/22/18 1802

Temperature on Receipt 3.5 °C

APPENDIX C

Sampling Logs

GROUNDWATER PURGE/SAMPLE LOG

WCD GROUP *For pivotal matters.*

Project Name: GDC - LIC
WCD ID: GQ14-76
Date: 4/2/2018
Field Personnel: C. Siegrist and V. Panico
Weather: snow - H: 43°F L: 33°F

Well ID: 2MW-01
PID Reading: N/A
Depth of well: 18.03 ft
Depth to water: 6.71 ft
Pump type: Geotech Geopump - peristaltic pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Notes/Comments
12:06	7.57	6.83	-44	2.62	482	102	10.92	215	
12:11	8.04	6.87	-31	2.67	351	5.74	12.20	215	purge rate lowered
12:16	8.36	6.85	-29	2.67	284	5.43	11.81	170	pump set at lowest rate
12:21	8.60	6.85	-29	2.72	222	4.77	11.77	170	
12:26	8.65	6.85	-28	2.76	220	4.52	11.79	170	
12:31	8.70	6.85	-28	2.78	233	4.36	11.91	170	
12:36	8.72	6.86	-28	2.82	227	4.19	11.92	170	
12:41	8.75	6.86	-28	2.90	219	4.01	12.30	170	
12:46	8.77	6.86	-28	2.91	217	4.02	12.34	170	
12:51	8.82	6.88	-30	2.93	218	3.97	12.37	170	

***** STABILIZATION CRITERIA*****

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

*****PURGED WATER DETAILS*****

Start/End time: Start- 12:05 End- 12:52
Total purge time: 47 minutes
Total volume: 9 L
Purge rate: 190 mL/min average

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

NOTES:
sample from 12:52 until 12:58
purge water slightly brown
**NOTE: 1 inch well

Well developed - 11:40 until 11:55, allowed to re-charge prior to purge/sample

GROUNDWATER PURGE/SAMPLE LOG

WCD GROUP *For pivotal matters.*

Project Name: GDC - LIC
WCD ID: GQ14-76
Date: 4/2/2018
Field Personnel: C. Siegrist and V. Panico
Weather: snow - H: 43°F L: 33°F

Well ID: 2MW-02
PID Reading: 0.6 ppm
Depth of well: 16.42 feet
Depth to water: 6.20 feet
Pump type: Geotech Geopump - peristaltic pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Notes/Comments
9:42	7.84	8.37	184	0.368	196	11.22	6.21	220	
9:47	8.34	8.18	165	0.371	179	8.14	6.21	220	
9:52	8.59	8.28	183	0.367	120	7.12	6.20	220	
9:57	8.59	8.37	192	0.366	88	6.67	6.20	220	
10:02	8.64	8.57	198	0.366	38.7	6.42	6.20	220	
10:07	8.57	8.55	201	0.366	22.7	6.31	6.20	220	
10:12	8.64	8.56	203	0.366	17.1	6.09	6.20	220	
10:17	8.68	8.58	203	0.366	16.3	5.95	6.20	220	
10:22	8.7	8.59	205	0.366	12.7	5.82	6.20	220	
10:27	8.71	8.58	207	0.366	10.3	5.73	6.20	220	
10:32	8.75	8.58	209	0.366	9.3	5.66	6.20	220	
10:37	8.79	8.59	210	0.366	8.9	5.68	6.20	220	

***** STABILIZATION CRITERIA*****

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

*****PURGED WATER DETAILS*****

Start/End time: Start- 09:41 End- 10:40
Total purge time: 59 minutes
Total volume: 13 L
Purge rate: 220 mL/min

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

NOTES:
sampled from 10:40 to 10:50
duplicate sampled from 10:50 to 11:00
purge water slight black color

Well developed - 9:20 until approx 9:30, allowed to re-charge prior to purge/sample

GROUNDWATER PURGE/SAMPLE LOG

WCD GROUP *For pivotal matters.*

Project Name: GDC - LIC
WCD ID: GQ14-76
Date: 4/2/2018
Field Personnel: C. Siegrist and V. Panico
Weather: snow - H: 43°F L: 33°F

Well ID: 2MW-03
PID Reading: N/A
Depth of well: 16.35 feet
Depth to water: 6.91 feet
Pump type: Geotech Geopump - peristaltic pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Notes/Comments
11:17	10.94	8.02	-121	0.243	888	0.00	8.20	250	purge rate lowered
11:22	10.85	7.98	-123	0.243	790	0.00	7.98	190	pump set at lowest rate
11:27	10.69	7.96	-124	0.244	720	0.00	7.75	190	
11:32	10.74	7.95	-126	0.244	640	0.00	7.57	190	
11:37	10.82	7.93	-128	0.249	553	0.00	7.55	190	
11:42	10.78	7.94	-130	0.251	444	0.00	7.54	190	
11:47	10.91	7.94	-132	0.249	361	0.00	7.58	190	
11:52	10.8	7.97	-131	0.247	261	0.00	7.60	190	
11:57	10.8	7.96	-128	0.248	255	0.00	7.58	190	
12:02	10.78	7.95	-125	0.247	231	0.00	7.58	190	
12:07	10.85	7.95	-125	0.248	193	0.00	7.61	190	
12:12	10.82	7.94	-128	0.25	190	0.00	7.60	190	
12:17	10.89	7.95	-126	0.251	144	0.00	7.61	190	
12:22	10.53	7.95	-125	0.251	140	0.00	7.60	190	
12:27	10.51	7.96	-123	0.25	162	0.00	7.57	190	purge rate slightly lowered
12:32	10.49	7.92	-105	0.247	189	0.00	7.54	180	
12:37	10.64	7.89	-97	0.245	228	0.00	7.53	180	
12:42	10.54	7.92	-98	0.241	284	0.00	7.51	180	
12:47	10.43	7.95	-89	0.232	290	0.52	7.50	180	
12:52	10.33	7.97	-86	0.231	311	0.63	7.29	180	
12:57	10.14	7.98	-84	0.224	338	1.37	7.14	180	
13:02	9.96	8.02	-78	0.209	372	2.44	7.10	190	

13:07	9.72	8.13	-59	0.192	362	3.37	7.10	190	
13:12	9.75	8.18	-51	0.184	353	3.83	7.32	190	
13:17	9.86	8.2	-49	0.183	359	3.86	7.34	190	

***** STABILIZATION CRITERIA*****

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

*****PURGED WATER DETAILS*****

Start/End time: Start- 11:03 End- 13:27

Total purge time: 143 minutes

Total volume: 17.5 L

Purge rate: 190 mL/min

CHARACTERISTICS:

Odor: (none) | slight | moderate | strong

Sheen: (none) | slight | moderate | strong

L/DNAPL: Yes | (No) **L/DNAPL thickness (in.)**: N/A

NOTES:

sampled between 13:27 and 13:35

brown purge water

GROUNDWATER PURGE/SAMPLE LOG

WCD GROUP *For pivotal matters.*

Project Name: GDC - LIC
WCD ID: GQ14-76
Date: 4/2/2018
Field Personnel: C. Siegrist and V. Panico
Weather: snow - H: 43°F L: 33°F

Well ID: 2MW-04
PID Reading: N/A
Depth of well: 15.25 feet
Depth to water: 7.35 feet
Pump type: Geotech Geopump - peristaltic pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Notes/Comments
14:23	7.95	7.47	-55	0.983	316	3	7.86	170	pump set at lowest rate
14:28	7.86	7.48	-63	1.07	299	3.62	7.84	170	
14:33	7.91	7.46	-81	1.16	283	2.39	7.83	170	
14:38	7.98	7.45	-91	1.21	276	2.17	7.74	170	
14:43	8.34	7.48	-98	1.17	267	2.2	7.81	170	
14:48	8.43	7.47	-97	1.17	259	2.09	7.84	170	
14:53	8.49	7.47	-98	1.18	253	2.05	7.83	170	
14:58	8.51	7.48	-98	1.18	246	2.05	7.75	170	
15:03	8.55	7.48	-98	1.17	238	2.4	7.81	170	
15:08	8.6	7.48	-99	1.17	232	2.31	7.80	170	
15:13	8.61	7.48	-98	1.17	226	2.32	7.82	170	
15:18	8.68	7.48	-98	1.18	222	2.27	7.83	170	

***** STABILIZATION CRITERIA*****

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

*****PURGED WATER DETAILS*****

Start/End time: Start- 14:06 End- 15:18
Total purge time: 72 minutes
Total volume: 12 L
Purge rate: 170 mL/min

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

NOTES:
sample collected between 15:20 and 16:00; 3 x sample collected for MS/MSD

GROUNDWATER PURGE/SAMPLE LOG

WCD GROUP *For pivotal matters.*

Project Name: GDC - LIC
WCD ID: GQ14-76
Date: 4/2/2018
Field Personnel: C. Siegrist and V. Panico
Weather: snow - H: 43°F L: 33°F

Well ID: 2MW-05
PID Reading: N/A
Depth of well: 17.52 feet
Depth to water: 7.30 feet
Pump type: Geotech Geopump - peristaltic pump

Time	Temp (°C)	pH	ORP (mv)	Specific Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Depth to Water (ft)	Purge Rate (mL/m)	Notes/Comments
14:25	9.84	7.33	164	0.97	981	7.96	7.50	230	pump set at lowest rate
14:30	10.39	6.45	50	1.21	851	0.00	7.50	230	
14:35	10.45	6.41	34	1.21	609	0.00	7.51	230	
14:40	10.4	6.40	24	1.21	350	0.00	7.51	230	
14:45	10.41	6.43	21	1.20	215	0.00	7.52	230	
14:50	10.43	6.45	5	1.20	97.6	0.00	7.52	230	
14:55	10.44	6.47	-3	1.20	77.5	0.00	7.53	230	
15:00	10.45	6.47	-8	1.19	54.9	0.00	7.55	230	
15:05	10.44	6.48	-13	1.20	49.5	0.00	7.55	230	
15:10	10.41	6.48	-18	1.20	33.7	0.00	7.56	230	
15:15	10.44	6.48	-20	1.20	23.3	0.00	7.60	230	
15:20	10.31	6.48	-23	1.20	21.5	0.00	7.60	230	
15:25	10.34	6.47	-26	1.20	16.5	0.00	7.58	230	
15:30	10.33	6.47	-26	1.20	16.3	0.00	7.56	230	

***** STABILIZATION CRITERIA*****

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

*****PURGED WATER DETAILS*****

Start/End time: Start- 14:11 End- 15:30
Total purge time: 79 minutes
Total volume: 18.5 L
Purge rate: 230 mL/min

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

NOTES:
sample collected at 15:30

APPENDIX D

Data Summary Tables

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

WCD File: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-01 20180402**		**2MW-02 20180402**		**2MW-03 20180402**		**2MW-04 20180402**		**2MW-05 20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-04-02)		(2018-04-02)		(2018-04-02)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-trimethylbenzene	5	0.52		0.2	*U*	0.2	*U*	0.2	*U*	0.53	
1,2-dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-trimethylbenzene	5	0.55		0.2	*U*	0.2	*U*	0.2	*U*	0.76	
1,3-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-dioxane	NA	40	*U*	40	*U*	40	*U*	40	*U*	40	*U*
2-butanone (MEK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acetone	50	2.5	*B*	1	*U*	7.6	*B*	1.5	*JB*	2	*JB*
acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
benzene	1	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromodichloromethane	50	0.2	*U*	1.4		0.2	*U*	0.2	*U*	0.2	*U*
bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon disulfide	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
chloroform	7	0.2	*U*	**14**		0.2	*U*	0.2	*U*	0.2	*U*
chloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cyclohexane	NA	14		0.2	*U*	0.2	*U*	0.2	*J*	0.2	*U*
dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
ethyl benzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
isopropylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	2.1	
methyl acetate	NA	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
methylcyclohexane	NA	36		0.2	*U*	0.2	*U*	0.2	*U*	130	
methylene chloride	5	1	*U*	1	*U*	1	*U*	1	*U*	1	*U*
n-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-propylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	1.1	
o-xylene (included in total xylenes)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	3.6		0.5	*U*	0.5	*U*	0.5	*U*	0.5	*U*
p-isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
sec-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.33	*J*
styrene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*	0.5	*U*	0.5	*U*	0.5	*U*	0.5	*U*
tert-butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
toluene	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
xylenes, total	5	3.6		0.6	*U*	0.6	*U*	0.6	*U*	0.6	*U*
TOTAL chlorinated compounds		**Not Detected**		**15.4**		**Not Detected**		**Not Detected**		**Not Detected**	
TOTAL petroleum compounds		**54.67**		**Not Detected**		**Not Detected**		**0.2**		**132.72**	
TOTAL BTEX		**3.6**		**Not Detected**		**Not Detected**		**Not Detected**		**Not Detected**	
TOTAL VOCs		**57.17**		**15.4**		**7.6**		**1.7**		**136.82**	

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

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

Table 1: VOCs in Groundwater

NYSDEC Site ID: C241172

WCD File: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**DUP-20180402****	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*
1,1,1,2-tetrachloroethane	5	0.2	*U*
1,1,1-trichloroethane	5	0.2	*U*
1,1,2,2-tetrachloroethane	5	0.2	*U*
1,1,2-trichloro-1,2,2-trifluoroethane	5	0.2	*U*
1,1,2-trichloroethane	1	0.2	*U*
1,1-dichloroethane	5	0.2	*U*
1,1-dichloroethylene (1,1-DCE)	5	0.2	*U*
1,2,3-trichlorobenzene	5	0.2	*U*
1,2,3-trichloropropane	0.04	0.2	*U*
1,2,4-trichlorobenzene	5	0.2	*U*
1,2,4-trimethylbenzene	5	0.2	*U*
1,2-dibromo-3-chloropropane	0.04	0.2	*U*
1,2-dibromoethane	5	0.2	*U*
1,2-dichlorobenzene	3	0.2	*U*
1,2-dichloroethane	0.6	0.2	*U*
1,2-dichloropropane	1	0.2	*U*
1,3,5-trimethylbenzene	5	0.2	*U*
1,3-dichlorobenzene	3	0.2	*U*
1,4-dichlorobenzene	3	0.2	*U*
1,4-dioxane	NA	40	*U*
2-butanone (MEK)	50	0.2	*U*
2-hexanone (MBK)	50	0.2	*U*
4-methyl-2-pentanone	NA	0.2	*U*
acetone	50	1.1	*JB*
acrolein	5	0.2	*U*
acrylonitrile	5	0.2	*U*
benzene	1	0.2	*U*
bromochloromethane	5	0.2	*U*
bromodichloromethane	50	1.4	
bromoform	50	0.2	*U*
bromomethane	5	0.2	*U*
carbon disulfide	NA	0.2	*U*
carbon tetrachloride	5	0.2	*U*
chlorobenzene	5	0.2	*U*
chloroethane	5	0.2	*U*
chloroform	7	**14**	
chloromethane	5	0.2	*U*
cis-1,2-dichloroethylene (cis-DCE)	5	0.2	*U*
cis-1,3-dichloropropylene	0.4	0.2	*U*
cyclohexane	NA	0.2	*U*
dibromochloromethane	5	0.2	*U*
dibromomethane	5	0.2	*U*
dichlorodifluoromethane	5	0.2	*U*
ethyl benzene	5	0.2	*U*
hexachlorobutadiene	0.5	0.2	*U*
isopropylbenzene	5	0.2	*U*
methyl acetate	NA	0.2	*U*
methyl tert-butyl ether (MTBE)	10	0.2	*U*
methylcyclohexane	NA	0.2	*U*
methylene chloride	5	1	*U*
n-butylbenzene	5	0.2	*U*
n-propylbenzene	5	0.2	*U*
o-xylene (included in total xylenes)	5	0.2	*U*
p- & m- xylenes (included in total xylenes)	5	0.5	*U*
p-isopropyltoluene	5	0.2	*U*
sec-butylbenzene	5	0.2	*U*
styrene	5	0.2	*U*
tert-butyl alcohol (TBA)	NA	0.5	*U*
tert-butylbenzene	5	0.2	*U*
tetrachloroethylene (PCE)	5	0.2	*U*
toluene	5	0.2	*U*
trans-1,2-dichloroethylene (trans-DCE)	5	0.2	*U*
trans-1,3-dichloropropylene	0.4	0.2	*U*
trichloroethylene (TCE)	5	0.2	*U*
trichlorofluoromethane	5	0.2	*U*
vinyl chloride (VC)	2	0.2	*U*
xylenes, total	5	0.6	*U*
TOTAL chlorinated compounds		**15.4**	
TOTAL petroleum compounds		**Not Detected**	
TOTAL BTEX		**Not Detected**	
TOTAL VOCs		**16.5**	

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

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

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

WCD File: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-01 20180402**		**2MW-02 20180402**		**2MW-03 20180402**		**2MW-04 20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-04-02)		(2018-04-02)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
1,2,4,5-tetrachlorobenzene	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
1,2,4-trichlorobenzene	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
1,2-dichlorobenzene	3	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
1,2-diphenylhydrazine (azobenzene	ND	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
1,3-dichlorobenzene	3	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
1,4-dichlorobenzene	3	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2,3,4,6-tetrachlorophenol	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2,4,5-trichlorophenol	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2,4,6-trichlorophenol	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2,4-dichlorophenol	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2,4-dimethylphenol	50	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2,4-dinitrophenol	10	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2,4-dinitrotoluene	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2,6-dinitrotoluene	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2-chloronaphthalene	10	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2-chlorophenol	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2-methylnaphthalene	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2-methylphenol	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2-nitroaniline	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
2-nitrophenol	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
3- & 4-methylphenols	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
3,3'-dichlorobenzidine	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
3-nitroaniline	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
4,6-dinitro-2-methylpheno	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
4-bromophenyl phenyl ether	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
4-chloro-3-methylpheno	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
4-chloroaniline	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
4-chlorophenyl phenyl ethe	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
4-nitroaniline	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
4-nitrophenol	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
acenaphthene	20	0.338		0.0513	*U*	0.369		4.36	
acenaphthylene	NA	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.0821	
acetophenone	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
aniline	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
anthracene	50	0.0718		0.0513	*U*	0.0513		0.0513	*U*
atrazine	7.5	0.513	*U*	0.513	*U*	0.513	*U*	0.513	*U*
benzaldehyde	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
benzidine	5	10.3	*U*	10.3	*U*	10.3	*U*	10.3	*U*
benzo(a)anthracene	0.002	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.0513	*U*
benzo(a)pyrene	ND	0.0513	*U*	0.0513	*U*	0.0513		0.0513	*U*
benzo(b)fluoranthene	0.002	0.0513	*U*	0.0513	*U*	**0.0615**		0.0513	*U*
benzo(g,h,i)perylene	NA	0.0513	*U*	0.0513	*U*	0.0513		0.0513	*U*
benzo(k)fluoranthene	0.002	0.0513	*U*	0.0513	*U*	**0.0513**		0.0513	*U*
benzoic acid	NA	25.6	*U*	25.6	*U*	25.6	*U*	25.6	*U*
benzyl alcoho	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
benzyl butyl phthalate	50	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
bis(2-chloroethoxy)methane	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
bis(2-chloroethyl)ether	1	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
bis(2-chloroisopropyl)ether	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
bis(2-ethylhexyl)phthalate	5	0.513	*U*	0.513	*U*	1.76		0.513	*U*
caprolactam	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
carbazole	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
chrysene	0.002	0.0513	*U*	0.0513	*U*	**0.0615**		0.0513	*U*
dibenzo(a,h)anthracene	NA	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.0513	*U*
dibenzofuran	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
diethyl phthalate	50	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
dimethyl phthalate	50	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
di-n-butyl phthalate	50	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
di-n-octyl phthalate	50	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
fluoranthene	50	0.0513	*U*	0.0513	*U*	0.103		0.0513	*U*
fluorene	50	0.0615		0.0513	*U*	0.0513	*U*	0.0513	*U*
hexachlorobenzene	0.04	0.0205	*U*	0.0205	*U*	0.0205	*U*	0.0205	*U*
hexachlorobutadiene	0.5	0.513	*U*	0.513	*U*	0.513	*U*	0.513	*U*
hexachlorocyclopentadiene	5	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
hexachloroethane	5	0.513	*U*	0.513	*U*	0.513	*U*	0.513	*U*
indeno(1,2,3-cd)pyrene	0.002	0.0513	*U*	0.0513	*U*	0.0513	*U*	0.0513	*U*
isophorone	50	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
naphthalene	10	0.113		0.0513	*U*	0.0513	*U*	0.0513	*U*
nitrobenzene	0.4	0.256	*U*	0.256	*U*	0.256	*U*	0.256	*U*
n-nitrosodimethylamine	50	0.513	*U*	0.513	*U*	0.513	*U*	0.513	*U*
n-nitroso-di-n-propylamine	NA	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
n-nitrosodiphenylamine	50	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
pentachlorophenol	1	0.256	*U*	0.256	*U*	0.256	*U*	0.256	*U*
phenanthrene	50	0.0615		0.0513	*U*	0.0821		0.103	
phenol	1	2.56	*U*	2.56	*U*	2.56	*U*	2.56	*U*
pyrene	50	0.0513	*U*	0.0513	*U*	0.0718		0.0513	*U*
	TOTAL SVOCs	**0.646**		**Not Detected**		**2.714**		**4.545**	

Detected concentrations

Concentrations above AWQS

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

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

Table 2: SVOCs in Groundwater

NYSDEC Site ID: C241172

WCD File: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-05 20180402**		**DUP-20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-biphenyl	5	2.56	*U*	2.56	*U*
1,2,4,5-tetrachlorobenzene	5	2.56	*U*	2.56	*U*
1,2,4-trichlorobenzene	5	2.56	*U*	2.56	*U*
1,2-dichlorobenzene	3	2.56	*U*	2.56	*U*
1,2-diphenylhydrazine (azobenzene	ND	2.56	*U*	2.56	*U*
1,3-dichlorobenzene	3	2.56	*U*	2.56	*U*
1,4-dichlorobenzene	3	2.56	*U*	2.56	*U*
2,3,4,6-tetrachlorophenol	NA	2.56	*U*	2.56	*U*
2,4,5-trichlorophenol	NA	2.56	*U*	2.56	*U*
2,4,6-trichlorophenol	NA	2.56	*U*	2.56	*U*
2,4-dichlorophenol	5	2.56	*U*	2.56	*U*
2,4-dimethylphenol	50	2.56	*U*	2.56	*U*
2,4-dinitrophenol	10	2.56	*U*	2.56	*U*
2,4-dinitrotoluene	5	2.56	*U*	2.56	*U*
2,6-dinitrotoluene	5	2.56	*U*	2.56	*U*
2-chloronaphthalene	10	2.56	*U*	2.56	*U*
2-chlorophenol	NA	2.56	*U*	2.56	*U*
2-methylnaphthalene	NA	2.56	*U*	2.56	*U*
2-methylphenol	NA	2.56	*U*	2.56	*U*
2-nitroaniline	5	2.56	*U*	2.56	*U*
2-nitrophenol	NA	2.56	*U*	2.56	*U*
3- & 4-methylphenols	NA	2.56	*U*	2.56	*U*
3,3'-dichlorobenzidine	5	2.56	*U*	2.56	*U*
3-nitroaniline	5	2.56	*U*	2.56	*U*
4,6-dinitro-2-methylpheno	NA	2.56	*U*	2.56	*U*
4-bromophenyl phenyl ether	NA	2.56	*U*	2.56	*U*
4-chloro-3-methylpheno	NA	2.56	*U*	2.56	*U*
4-chloroaniline	5	2.56	*U*	2.56	*U*
4-chlorophenyl phenyl ethe	NA	2.56	*U*	2.56	*U*
4-nitroaniline	5	2.56	*U*	2.56	*U*
4-nitrophenol	5	2.56	*U*	2.56	*U*
acenaphthene	20	0.615		0.0513	*U*
acenaphthylene	NA	0.0513	*U*	0.0513	*U*
acetophenone	NA	2.56	*U*	2.56	*U*
aniline	5	2.56	*U*	2.56	*U*
anthracene	50	0.236		0.0513	*U*
atrazine	7.5	0.513	*U*	0.513	*U*
benzaldehyde	NA	2.56	*U*	2.56	*U*
benzidine	5	10.3	*U*	10.3	*U*
benzo(a)anthracene	0.002	0.0513	*U*	0.0513	*U*
benzo(a)pyrene	ND	0.0513	*U*	0.0513	*U*
benzo(b)fluoranthene	0.002	0.0513	*U*	0.0513	*U*
benzo(g,h,i)perylene	NA	0.0513	*U*	0.0513	*U*
benzo(k)fluoranthene	0.002	0.0513	*U*	0.0513	*U*
benzoic acid	NA	25.6	*U*	25.6	*U*
benzyl alcoho	NA	2.56	*U*	2.56	*U*
benzyl butyl phthalate	50	2.56	*U*	2.56	*U*
bis(2-chloroethoxy)methane	5	2.56	*U*	2.56	*U*
bis(2-chloroethyl)ether	1	2.56	*U*	2.56	*U*
bis(2-chloroisopropyl)ether	NA	2.56	*U*	2.56	*U*
bis(2-ethylhexyl)phthalate	5	0.513	*U*	0.513	*U*
caprolactam	NA	2.56	*U*	2.56	*U*
carbazole	NA	2.56	*U*	2.56	*U*
chrysene	0.002	0.0513	*U*	0.0513	*U*
dibenzo(a,h)anthracene	NA	0.0513	*U*	0.0513	*U*
dibenzofuran	NA	2.56	*U*	2.56	*U*
diethyl phthalate	50	2.56	*U*	2.56	*U*
dimethyl phthalate	50	2.56	*U*	2.56	*U*
di-n-butyl phthalate	50	2.56	*U*	2.56	*U*
di-n-octyl phthalate	50	2.56	*U*	2.56	*U*
fluoranthene	50	0.0513	*U*	0.0513	*U*
fluorene	50	0.0513	*U*	0.0513	*U*
hexachlorobenzene	0.04	0.0205	*U*	0.0205	*U*
hexachlorobutadiene	0.5	0.513	*U*	0.513	*U*
hexachlorocyclopentadiene	5	2.56	*U*	2.56	*U*
hexachloroethane	5	0.513	*U*	0.513	*U*
indeno(1,2,3-cd)pyrene	0.002	0.0513	*U*	0.0513	*U*
isophorone	50	2.56	*U*	2.56	*U*
naphthalene	10	0.318		0.0513	*U*
nitrobenzene	0.4	0.256	*U*	0.256	*U*
n-nitrosodimethylamine	50	0.513	*U*	0.513	*U*
n-nitroso-di-n-propylamine	NA	2.56	*U*	2.56	*U*
n-nitrosodiphenylamine	50	2.56	*U*	2.56	*U*
pentachlorophenol	1	0.256	*U*	0.256	*U*
phenanthrene	50	0.0513	*U*	0.0513	*U*
phenol	1	2.56	*U*	2.56	*U*
pyrene	50	0.0513	*U*	0.0513	*U*
	TOTAL SVOCs	**1.169**		**Not Detected**	

Detected concentrations

Concentrations above AWQS

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

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

Table 3: TAL Metals (Total) in Groundwater

NYSDEC Site ID: C241172
WCD File: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-01 20180402**		**2MW-02 20180402**		**2MW-03 20180402**		**2MW-04 20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-04-02)		(2018-04-02)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
aluminum	NA	329		207		1,390		133	
antimony	3	6	*U*	**6**		6	*U*	6	*U*
arsenic	25	4	*U*	4	*U*	4	*U*	4	*U*
barium	1,000	282		23		49		152	
beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*
cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*
calcium	NA	245,000		39,900		22,000		143,000	
chromium	50	6	*U*	6	*U*	6		6	*U*
cobalt	5	6	*U*	6	*U*	6	*U*	6	*U*
copper	200	7		9		13		3	*U*
iron**	300	**28,700**		143		**2,340**		**17,000**	
lead	25	22		6	*U*	19		6	*U*
magnesium	35,000	**51,200**		4,710		2,700		20,900	
manganese**	300	**3,270**		7		113		**1,700**	
mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
nickel	100	6	*U*	6	*U*	6	*U*	6	*U*
potassium	NA	22,600		18,800		8,700		12,700	
selenium	10	**39**		11	*U*	11	*U*	11	*U*
silver	50	6	*U*	6	*U*	6	*U*	6	*U*
sodium	20,000	**238,000**		**38,600**		**25,300**		**63,100**	
thallium	0.5	6	*U*	6	*U*	6	*U*	6	*U*
vanadium	14	11	*U*	11	*U*	11	*U*	11	*U*
zinc	2,000	43		17	*U*	69		17	*U*

** combined iron and manganese = 500

Detected concentrations
Concentrations above AWQS

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

Table 3: TAL Metals (Total) in Groundwater

NYSDEC Site ID: C241172
WCD File: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-05 20180402**		**DUP-20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*
aluminum	NA	4,370		143	
antimony	3	6	*U*	6	*U*
arsenic	25	4	*U*	4	*U*
barium	1,000	29		23	
beryllium	3	1	*U*	1	*U*
cadmium	5	3	*U*	3	*U*
calcium	NA	302,000		39,700	
chromium	50	6	*U*	6	*U*
cobalt	5	6	*U*	6	*U*
copper	200	20		8	
iron**	300	**4,680**		108	
lead	25	6	*U*	6	*U*
magnesium	35,000	10,400		4,710	
manganese**	300	**1,080**		7	
mercury	0.7	0.2	*U*	0.2	*U*
nickel	100	9		6	*U*
potassium	NA	33,100		19,100	
selenium	10	11	*U*	11	*U*
silver	50	6	*U*	6	*U*
sodium	20,000	**48,600**		**38,400**	
thallium	0.5	6	*U*	6	*U*
vanadium	14	11	*U*	11	*U*
zinc	2,000	92		17	*U*

** combined iron and manganese = 500

Detected concentrations
Concentrations above AWQS

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

Table 4: TAL Metals (Dissolved) in Groundwater

NYSDEC Site ID: C241172
WCD File: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-01 20180402**		**2MW-02 20180402**		**2MW-03 20180402**		**2MW-04 20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-04-02)		(2018-04-02)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
aluminum	NA	56	*U*	56	*U*	56	*U*	56	*U*
antimony	3	**6**		6	*U*	6	*U*	6	*U*
arsenic	25	4	*U*	4	*U*	4	*U*	4	*U*
barium	1,000	228		22		15		109	
beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*
cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*
calcium	NA	248,000		39,600		17,100		137,000	
chromium	50	6	*U*	6	*U*	6	*U*	6	*U*
cobalt	5	6	*U*	6	*U*	6	*U*	6	*U*
copper	200	7		8		3	*U*	3	*U*
iron**	300	**11,100**		22	*U*	22	*U*	**1,900**	
lead	25	6	*U*	6	*U*	6	*U*	6	*U*
magnesium	35,000	**52,000**		4,680		2,100		20,700	
manganese**	300	**3,360**		6	*U*	44		**1,670**	
mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
nickel	100	6	*U*	6	*U*	6	*U*	6	*U*
potassium	NA	21,700		18,400		8,130		11,100	
selenium	10	**46**		11	*U*	11	*U*	**24**	
silver	50	6	*U*	6	*U*	6	*U*	6	*U*
sodium	20,000	**233,000**		**37,800**		**25,900**		**63,200**	
thallium	0.5	6	*U*	6	*U*	6	*U*	6	*U*
vanadium	14	11	*U*	11	*U*	11	*U*	11	*U*
zinc	2,000	28		17	*U*	17	*U*	17	*U*

** combined iron and manganese = 500

Detected concentrations
Concentrations above AWQS

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

Table 4: TAL Metals (Dissolved) in Groundwater

NYSDEC Site ID: C241172
WCD File: GQ14076

All data in µg/L (parts per billion, ppb)	**Sample ID**	**2MW-05 20180402**		**DUP-20180402**	
U= Not Detected ≥ indicated value	Sample Date	(2018-04-02)		(2018-04-02)	
Data above AWQS shown in **Bold**	Dilution Factor	1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*
aluminum	NA	56	*U*	56	*U*
antimony	3	6	*U*	6	*U*
arsenic	25	4	*U*	4	*U*
barium	1,000	30		22	
beryllium	3	1	*U*	1	*U*
cadmium	5	3	*U*	3	*U*
calcium	NA	298,000		38,600	
chromium	50	6	*U*	6	*U*
cobalt	5	6	*U*	6	*U*
copper	200	3	*U*	8	
iron**	300	**4,250**		22	*U*
lead	25	6	*U*	6	*U*
magnesium	35,000	10,400		4,480	
manganese**	300	**1,110**		6	*U*
mercury	0.7	0.2	*U*	0.2	*U*
nickel	100	6		6	*U*
potassium	NA	33,300		18,200	
selenium	10	11	*U*	11	*U*
silver	50	6	*U*	6	*U*
sodium	20,000	**49,000**		**38,200**	
thallium	0.5	6	*U*	6	*U*
vanadium	14	11	*U*	11	*U*
zinc	2,000	84		17	*U*

** combined iron and manganese = 500

Detected concentrations
Concentrations above AWQS

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

APPENDIX E

Laboratory Reports

Technical Report

prepared for:

WCD Group - Poughkeepsie NY
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Scott Spitzer

Report Date: 04/09/2018
Client Project ID: GQ14076
York Project (SDG) No.: 18D0037

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: 04/09/2018
Client Project ID: GQ14076
York Project (SDG) No.: 18D0037

WCD Group - Poughkeepsie NY
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Scott Spitzer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on April 02, 2018 and listed below. The project was identified as your project: **GQ14076**.

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.

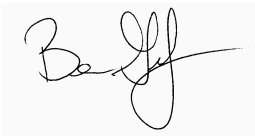
The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

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
18D0037-01	2MW-01 20180402	Water	04/02/2018	04/02/2018
18D0037-02	2MW-02 20180402	Water	04/02/2018	04/02/2018
18D0037-03	2MW-03 20180402	Water	04/02/2018	04/02/2018
18D0037-04	2MW-04 20180402	Water	04/02/2018	04/02/2018
18D0037-05	2MW-05 20180402	Water	04/02/2018	04/02/2018
18D0037-06	DUP-20180402	Water	04/02/2018	04/02/2018
18D0037-07	TB 20180402	Water	04/02/2018	04/02/2018
18D0037-08	RB 20180402	Water	04/02/2018	04/02/2018

General Notes for York Project (SDG) No.: 18D0037

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: 04/09/2018

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: 2MW-01 20180402 **York Sample ID:** 18D0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	**1,2,4-Trimethylbenzene**	**0.52**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	**1,3,5-Trimethylbenzene**	**0.55**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:07 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: 2MW-01 20180402 **York Sample ID:** 18D0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
67-64-1	**Acetone**	**2.5**	CCV-E, SCAL-E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
110-82-7	**Cyclohexane**	**14**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:07	RDS

Sample Information

Client Sample ID: **2MW-01 20180402** **York Sample ID:** **18D0037-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	**Methylcyclohexane**	**36**		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**3.6**		ug/L	0.50	1.0	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	**Xylenes, Total**	**3.6**		ug/L	0.60	1.5	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:07	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*

Sample Information

Client Sample ID: 2MW-01 20180402 **York Sample ID:** 18D0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	*Surrogate: Toluene-d8*	*101 %*			*81-117*						
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.9 %*			*79-122*						

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	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 16:07	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 16:07	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 16:07	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR

Sample Information

Client Sample ID: 2MW-01 20180402 **York Sample ID:** 18D0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

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
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
83-32-9	**Acenaphthene**	**0.338**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
120-12-7	**Anthracene**	**0.0718**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR

Sample Information

Client Sample ID: 2MW-01 20180402 **York Sample ID:** 18D0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

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
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
86-73-7	**Fluorene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR

Sample Information

Client Sample ID: 2MW-01 20180402 **York Sample ID:** 18D0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

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
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
91-20-3	**Naphthalene**	**0.113**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
85-01-8	**Phenanthrene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:07	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 19:51	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*28.8 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*20.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.4 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.7 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*76.2 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.0 %*	*30.7-106*

Metals, Target Analyte

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**	**0.329**		mg/L	0.056	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:11	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:11	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:11	KML
7440-39-3	**Barium**	**0.282**		mg/L	0.011	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:11	KML

Sample Information

Client Sample ID: **2MW-01 20180402** **York Sample ID:** **18D0037-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

Metals, Target Analyte

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
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-70-2	**Calcium**	**245**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-50-8	**Copper**	**0.007**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7439-89-6	**Iron**	**28.7**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7439-92-1	**Lead**	**0.022**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7439-95-4	**Magnesium**	**51.2**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7439-96-5	**Manganese**	**3.27**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-09-7	**Potassium**	**22.6**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7782-49-2	**Selenium**	**0.039**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-23-5	**Sodium**	**238**		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML
7440-66-6	**Zinc**	**0.043**		mg/L	0.017	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:11	KML

Metals, Target Analyte, 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	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:32	KML
7440-36-0	**Antimony**	**0.006**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:32	KML

Sample Information

Client Sample ID: 2MW-01 20180402 **York Sample ID:** 18D0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

Metals, Target Analyte, 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		mg/L	0.004	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.228**		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**248**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.007**		mg/L	0.003	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**11.1**		mg/L	0.022	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**52.0**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**3.36**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**21.7**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.046**		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**233**		mg/L	0.111	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.028**		mg/L	0.017	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:32	KML
							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

Sample Information

Client Sample ID: 2MW-01 20180402 **York Sample ID:** 18D0037-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:55 pm	04/02/2018

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		mg/L	0.00020	1	EPA 7473	04/04/2018 09:40	04/04/2018 13:17	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	04/04/2018 14:48	04/04/2018 18:52	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 00:35	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	**Bromodichloromethane**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 00:35 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
67-66-3	**Chloroform**	**14**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/06/2018 00:35	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/06/2018 00:35	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 00:35	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/06/2018 00:35	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*79-122*

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	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 16:56	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 16:56	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 16:56	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

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
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

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
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 16:56	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:22	SR

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

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
367-12-4	*Surrogate: 2-Fluorophenol*	*27.3 %*			*19.7-63.1*						
4165-62-2	*Surrogate: Phenol-d5*	*18.6 %*			*10.1-41.7*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.5 %*			*50.2-113*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.6 %*			*39.9-105*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.7 %*			*39.3-151*						
1718-51-0	*Surrogate: Terphenyl-d14*	*42.2 %*			*30.7-106*						

Metals, Target Analyte

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**	**0.207**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**0.006**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.023**		mg/L	0.011	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**39.9**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.009**		mg/L	0.003	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**0.143**		mg/L	0.022	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4.71**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.007**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**18.8**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:13	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:13	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:13	KML
7440-23-5	**Sodium**	**38.6**		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:13	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:13	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:13	KML
7440-66-6	Zinc	ND		mg/L	0.017	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:13	KML

Metals, Target Analyte, 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	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-39-3	**Barium**	**0.022**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-70-2	**Calcium**	**39.6**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-50-8	**Copper**	**0.008**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7439-89-6	Iron	ND		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7439-95-4	**Magnesium**	**4.68**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:35	KML

Sample Information

Client Sample ID: 2MW-02 20180402 **York Sample ID:** 18D0037-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 10:42 am	04/02/2018

Metals, Target Analyte, 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
7440-09-7	**Potassium**	**18.4**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**37.8**		mg/L	0.111	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:35	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.017	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:35	KML
							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		mg/L	0.00020	1	EPA 7473	04/04/2018 09:40	04/04/2018 13:28	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	04/04/2018 14:48	04/04/2018 19:03	SY
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:03	RDS
							Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP				

Sample Information

Client Sample ID: **2MW-03 20180402** **York Sample ID:** **18D0037-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**7.6**	CCV-E, SCAL-E, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:03 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*	*79-122*

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

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	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 17:45	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 17:45	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 17:45	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

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
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
83-32-9	**Acenaphthene**	**0.369**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
120-12-7	**Anthracene**	**0.0513**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
50-32-8	**Benzo(a)pyrene**	**0.0513**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
205-99-2	**Benzo(b)fluoranthene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.0513**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
207-08-9	**Benzo(k)fluoranthene**	**0.0513**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

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
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**1.76**		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
218-01-9	**Chrysene**	**0.0615**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
206-44-0	**Fluoranthene**	**0.103**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

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
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
85-01-8	**Phenanthrene**	**0.0821**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 17:45	SR
129-00-0	**Pyrene**	**0.0718**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 20:54	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*30.1 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*21.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.0 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*51.8 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*70.0 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*40.2 %*	*30.7-106*

Metals, Target Analyte

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**	**1.39**		mg/L	0.056	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:20	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:20	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:20	KML
7440-39-3	**Barium**	**0.049**		mg/L	0.011	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:20	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:20	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:20	KML
7440-70-2	**Calcium**	**22.0**		mg/L	0.056	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:20	KML
7440-47-3	**Chromium**	**0.006**		mg/L	0.006	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:20	KML

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

Metals, Target Analyte

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
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.013**		mg/L	0.003	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**2.34**		mg/L	0.022	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.019**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2.70**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.113**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**8.70**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**25.3**		mg/L	0.111	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.069**		mg/L	0.017	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:20	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, 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	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.015**		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

Metals, Target Analyte, 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
7440-70-2	**Calcium**	**17.1**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.003	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.022	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2.10**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**0.044**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**8.13**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**25.9**		mg/L	0.111	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.017	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:37	KML
							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		mg/L	0.00020	1	EPA 7473	04/04/2018 09:40	04/04/2018 13:39	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

Sample Information

Client Sample ID: 2MW-03 20180402 **York Sample ID:** 18D0037-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 1:35 pm	04/02/2018

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	04/04/2018 14:48	04/04/2018 19:15	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-04 20180402 **York Sample ID:** 18D0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 01:32	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **2MW-04 20180402** **York Sample ID:** **18D0037-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-64-1	**Acetone**	**1.5**	CCV-E, SCAL-E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 01:32 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: 2MW-04 20180402 **York Sample ID:** 18D0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
110-82-7	**Cyclohexane**	**0.20**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/06/2018 01:32	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/06/2018 01:32	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS

Sample Information

Client Sample ID: 2MW-04 20180402 **York Sample ID:** 18D0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 01:32	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/06/2018 01:32	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.5 %*	*79-122*

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	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 18:33	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 18:33	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 18:33	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR

Sample Information

Client Sample ID: 2MW-04 20180402 **York Sample ID:** 18D0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

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	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
83-32-9	**Acenaphthene**	**4.36**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
208-96-8	**Acenaphthylene**	**0.0821**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR

Sample Information

Client Sample ID: 2MW-04 20180402 **York Sample ID:** 18D0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

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
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR

Sample Information

Client Sample ID: 2MW-04 20180402 **York Sample ID:** 18D0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

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
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
85-01-8	**Phenanthrene**	**0.103**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 18:33	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 21:25	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*25.9 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*17.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.9 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.1 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*62.7 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*32.2 %*	*30.7-106*

Sample Information

Client Sample ID: **2MW-04 20180402** **York Sample ID:** **18D0037-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

Metals, Target Analyte **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**	**0.133**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.152**		mg/L	0.011	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**143**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.003	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**17.0**		mg/L	0.022	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**20.9**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**1.70**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**12.7**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**63.1**		mg/L	0.111	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	Zinc	ND		mg/L	0.017	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:22	KML
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 2MW-04 20180402 **York Sample ID:** 18D0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

Metals, Target Analyte, 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	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-39-3	**Barium**	**0.109**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-70-2	**Calcium**	**137**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-50-8	Copper	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7439-89-6	**Iron**	**1.90**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7439-95-4	**Magnesium**	**20.7**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7439-96-5	**Manganese**	**1.67**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-09-7	**Potassium**	**11.1**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7782-49-2	**Selenium**	**0.024**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-23-5	**Sodium**	**63.2**		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML
7440-66-6	Zinc	ND		mg/L	0.017	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:39	KML

Sample Information

Client Sample ID: 2MW-04 20180402 **York Sample ID:** 18D0037-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:20 pm	04/02/2018

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		mg/L	0.00020	1	EPA 7473	04/04/2018 09:40	04/04/2018 14:27	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	04/04/2018 14:48	04/04/2018 19:26	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.53**		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:26	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **2MW-05 20180402** **York Sample ID:** **18D0037-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	**1,3,5-Trimethylbenzene**	**0.76**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**2.0**	CCV-E, SCAL-E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	**Isopropylbenzene**	**2.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-87-2	**Methylcyclohexane**	**130**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	**n-Propylbenzene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	**sec-Butylbenzene**	**0.33**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 03:26 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:26	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/06/2018 03:26	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*123 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*79-122*

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	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 21:00	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 21:00	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 21:00	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

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
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:00	SR

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

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
83-32-9	**Acenaphthene**	**0.615**		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.236**		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	04/04/2018 07:11	04/04/2018 21:00	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	04/04/2018 07:11	04/06/2018 21:57	SR
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

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
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
91-20-3	**Naphthalene**	**0.318**		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/04/2018 21:00	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 07:11	04/06/2018 21:57	SR

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

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
367-12-4	*Surrogate: 2-Fluorophenol*	*22.3 %*			*19.7-63.1*						
4165-62-2	*Surrogate: Phenol-d5*	*15.5 %*			*10.1-41.7*						
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.3 %*			*50.2-113*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.0 %*			*39.9-105*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*64.7 %*			*39.3-151*						
1718-51-0	*Surrogate: Terphenyl-d14*	*33.6 %*			*30.7-106*						

Metals, Target Analyte

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**	**4.37**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.029**		mg/L	0.011	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**302**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.020**		mg/L	0.003	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**4.68**		mg/L	0.022	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10.4**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.08**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.009**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**33.1**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:22	04/05/2018 17:28	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:28	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:28	KML
7440-23-5	**Sodium**	**48.6**		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:28	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:28	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:28	KML
7440-66-6	**Zinc**	**0.092**		mg/L	0.017	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:28	KML

Metals, Target Analyte, 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	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-39-3	**Barium**	**0.030**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-70-2	**Calcium**	**298**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7440-50-8	Copper	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7439-89-6	**Iron**	**4.25**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7439-95-4	**Magnesium**	**10.4**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML
7439-96-5	**Manganese**	**1.11**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:46	KML

Sample Information

Client Sample ID: 2MW-05 20180402 **York Sample ID:** 18D0037-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:30 pm	04/02/2018

Metals, Target Analyte, 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
7440-02-0	**Nickel**	**0.006**		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**33.3**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**49.0**		mg/L	0.111	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:46	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.084**		mg/L	0.017	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:46	KML
							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		mg/L	0.00020	1	EPA 7473	04/04/2018 09:40	04/04/2018 14:13	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	04/04/2018 14:48	04/04/2018 19:37	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

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

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1.1**	CCV-E, SCAL-E, J, B	ug/L	1.0	2.0	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	**Bromodichloromethane**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**14**		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 03:54	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/06/2018 03:54	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	04/06/2018 03:54	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 03:54	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/06/2018 03:54	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*	*79-122*

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

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	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 21:49	SR
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 21:49	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,PADEP	04/04/2018 21:49	SR
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

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
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
1912-24-9	Atrazine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
92-87-5	Benzidine	ND		ug/L	10.3	20.5	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
65-85-0	Benzoic acid	ND		ug/L	25.6	51.3	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

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
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 NELAC-NY10854,NJDEP,PADEP	SR
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 NELAC-NY10854,NJDEP,PADEP	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11	04/04/2018 21:49 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11	04/06/2018 22:28 CTDOH,NELAC-NY10854,NJDEP,PADEP	SR

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

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
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/04/2018 21:49	SR
129-00-0	Pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D Certifications:	04/04/2018 07:11 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/06/2018 22:28	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.7 %*	*19.7-63.1*
4165-62-2	*Surrogate: Phenol-d5*	*17.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.1 %*	*50.2-113*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.0 %*	*39.9-105*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.7 %*	*39.3-151*
1718-51-0	*Surrogate: Terphenyl-d14*	*42.7 %*	*30.7-106*

Metals, Target Analyte

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**	**0.143**		mg/L	0.056	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:30	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:30	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:30	KML
7440-39-3	**Barium**	**0.023**		mg/L	0.011	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:30	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:30	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:30	KML
7440-70-2	**Calcium**	**39.7**		mg/L	0.056	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:30	KML
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C Certifications:	04/05/2018 09:22 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 17:30	KML

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

Metals, Target Analyte

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
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7440-50-8	**Copper**	**0.008**		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7439-89-6	**Iron**	**0.108**		mg/L	0.022	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7439-95-4	**Magnesium**	**4.71**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7439-96-5	**Manganese**	**0.007**		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7440-09-7	**Potassium**	**19.1**		mg/L	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7440-23-5	**Sodium**	**38.4**		mg/L	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML
7440-66-6	Zinc	ND		mg/L	0.017	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:22	04/05/2018 17:30	KML

Metals, Target Analyte, 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	0.056	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:53	KML
7440-36-0	Antimony	ND		mg/L	0.006	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:53	KML
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:53	KML
7440-39-3	**Barium**	**0.022**		mg/L	0.011	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:53	KML
7440-41-7	Beryllium	ND		mg/L	0.001	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:53	KML
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/05/2018 09:20	04/05/2018 16:53	KML

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

Metals, Target Analyte, 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
7440-70-2	**Calcium**	**38.6**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**0.008**		mg/L	0.003	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.022	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**4.48**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**18.2**		mg/L	0.056	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**38.2**		mg/L	0.111	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.006	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.011	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.017	1	EPA 6010C	04/05/2018 09:20	04/05/2018 16:53	KML
							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		mg/L	0.00020	1	EPA 7473	04/04/2018 09:40	04/04/2018 17:02	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

Sample Information

Client Sample ID: DUP-20180402 **York Sample ID:** 18D0037-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 11:00 am	04/02/2018

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	04/04/2018 14:48	04/04/2018 19:48	SY
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: TB 20180402 **York Sample ID:** 18D0037-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:00 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/05/2018 12:30	04/06/2018 04:23	RDS
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: **TB 20180402** **York Sample ID:** **18D0037-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:00 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-64-1	**Acetone**	**1.8**	CCV-E, SCAL-E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23	RDS CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP

Sample Information

Client Sample ID: TB 20180402 **York Sample ID:** 18D0037-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:00 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:23 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS

Sample Information

Client Sample ID: TB 20180402 **York Sample ID:** 18D0037-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 12:00 am	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:23	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:23	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:23	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:23	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:23	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/06/2018 04:23	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*79-122*

Sample Information

Client Sample ID: RB 20180402 **York Sample ID:** 18D0037-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:45 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS

Sample Information

Client Sample ID: **RB 20180402** **York Sample ID:** **18D0037-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:45 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
67-64-1	**Acetone**	**1.8**	CCV-E, SCAL-E, J, B	ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS

Sample Information

Client Sample ID: **RB 20180402** **York Sample ID:** **18D0037-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:45 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	RDS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30	04/06/2018 04:51 CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	RDS

Sample Information

Client Sample ID: RB 20180402 **York Sample ID:** 18D0037-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
18D0037	GQ14076	Water	April 2, 2018 3:45 pm	04/02/2018

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/05/2018 12:30 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	04/06/2018 04:51	RDS
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/05/2018 12:30 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	04/06/2018 04:51	RDS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Analytical Batch Summary

Batch ID: BD80155 **Preparation Method:** EPA 3510C **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
18D0037-01	2MW-01 20180402	04/04/18
18D0037-02	2MW-02 20180402	04/04/18
18D0037-03	2MW-03 20180402	04/04/18
18D0037-04	2MW-04 20180402	04/04/18
18D0037-05	2MW-05 20180402	04/04/18
18D0037-06	DUP-20180402	04/04/18
BD80155-BLK1	Blank	04/04/18
BD80155-BLK2	Blank	04/04/18
BD80155-BS1	LCS	04/04/18
BD80155-BS2	LCS	04/04/18
BD80155-MS1	Matrix Spike	04/04/18
BD80155-MSD1	Matrix Spike Dup	04/04/18

Batch ID: BD80174 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18D0037-01	2MW-01 20180402	04/04/18
18D0037-02	2MW-02 20180402	04/04/18
18D0037-03	2MW-03 20180402	04/04/18
18D0037-04	2MW-04 20180402	04/04/18
18D0037-05	2MW-05 20180402	04/04/18
18D0037-06	DUP-20180402	04/04/18
BD80174-BLK1	Blank	04/04/18
BD80174-DUP1	Duplicate	04/04/18
BD80174-MS1	Matrix Spike	04/04/18
BD80174-SRM1	Reference	04/04/18

Batch ID: BD80193 **Preparation Method:** EPA 7473 water **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18D0037-01	2MW-01 20180402	04/04/18
18D0037-02	2MW-02 20180402	04/04/18
18D0037-03	2MW-03 20180402	04/04/18
18D0037-04	2MW-04 20180402	04/04/18
18D0037-05	2MW-05 20180402	04/04/18
18D0037-06	DUP-20180402	04/04/18
BD80193-BLK1	Blank	04/04/18
BD80193-DUP1	Duplicate	04/04/18
BD80193-MS1	Matrix Spike	04/04/18
BD80193-SRM1	Reference	04/04/18

Batch ID: BD80227 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date

18D0037-01	2MW-01 20180402	04/05/18
18D0037-02	2MW-02 20180402	04/05/18
18D0037-03	2MW-03 20180402	04/05/18
18D0037-04	2MW-04 20180402	04/05/18
18D0037-05	2MW-05 20180402	04/05/18
18D0037-06	DUP-20180402	04/05/18
BD80227-BLK1	Blank	04/05/18
BD80227-BS1	LCS	04/05/18
BD80227-DUP1	Duplicate	04/05/18
BD80227-MS1	Matrix Spike	04/05/18

Batch ID: BD80228 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
18D0037-01	2MW-01 20180402	04/05/18
18D0037-02	2MW-02 20180402	04/05/18
18D0037-03	2MW-03 20180402	04/05/18
18D0037-04	2MW-04 20180402	04/05/18
18D0037-05	2MW-05 20180402	04/05/18
18D0037-06	DUP-20180402	04/05/18
BD80228-BLK1	Blank	04/05/18
BD80228-BS1	LCS	04/05/18
BD80228-DUP1	Duplicate	04/05/18
BD80228-MS1	Matrix Spike	04/05/18

Batch ID: BD80244 **Preparation Method:** EPA 5030B **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
18D0037-01	2MW-01 20180402	04/05/18
18D0037-02	2MW-02 20180402	04/05/18
18D0037-03	2MW-03 20180402	04/05/18
18D0037-04	2MW-04 20180402	04/05/18
18D0037-05	2MW-05 20180402	04/05/18
18D0037-06	DUP-20180402	04/05/18
18D0037-07	TB 20180402	04/05/18
18D0037-08	RB 20180402	04/05/18
BD80244-BLK1	Blank	04/05/18
BD80244-BS1	LCS	04/05/18
BD80244-BSD1	LCS Dup	04/05/18
BD80244-MS1	Matrix Spike	04/05/18
BD80244-MSD1	Matrix Spike Dup	04/05/18

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 BD80244 - EPA 5030B											
Blank (BD80244-BLK1)											Prepared & Analyzed: 04/05/2018
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
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	"								
1,2,3-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	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.1	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	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	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

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 BD80244 - EPA 5030B											
Blank (BD80244-BLK1)								Prepared & Analyzed: 04/05/2018			
n-Butylbenzene	ND	0.50	ug/L								
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	1.0	"								
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 Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.77*		*"*	*10.0*		*97.7*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				
LCS (BD80244-BS1)								Prepared & Analyzed: 04/05/2018			
1,1,1,2-Tetrachloroethane	9.5		ug/L	10.0		94.9	82-126				
1,1,1-Trichloroethane	9.8		"	10.0		98.2	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165				
1,1,2-Trichloroethane	9.5		"	10.0		95.4	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	10		"	10.0		101	68-138				
1,2,3-Trichlorobenzene	9.2		"	10.0		91.9	76-136				
1,2,3-Trichloropropane	10		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	8.8		"	10.0		88.4	76-137				
1,2,4-Trimethylbenzene	9.7		"	10.0		96.7	82-132				
1,2-Dibromo-3-chloropropane	8.8		"	10.0		87.6	45-147				
1,2-Dibromoethane	9.7		"	10.0		97.0	83-124				
1,2-Dichlorobenzene	9.8		"	10.0		98.1	79-123				
1,2-Dichloroethane	10		"	10.0		99.7	73-132				
1,2-Dichloropropane	9.7		"	10.0		97.4	78-126				
1,3,5-Trimethylbenzene	9.7		"	10.0		97.3	80-131				
1,3-Dichlorobenzene	9.9		"	10.0		99.2	86-122				
1,4-Dichlorobenzene	9.5		"	10.0		94.7	85-124				
1,4-Dioxane	250		"	210		119	10-349				
2-Butanone	8.8		"	10.0		88.0	49-152				
2-Hexanone	9.8		"	10.0		98.4	51-146				
4-Methyl-2-pentanone	10		"	10.0		101	57-145				
Acetone	12		"	10.0		117	14-150				
Acrolein	9.5		"	10.0		94.9	10-153				
Acrylonitrile	11		"	10.0		111	51-150				
Benzene	10		"	10.0		101	85-126				
Bromochloromethane	11		"	10.0		112	77-128				
Bromodichloromethane	9.3		"	10.0		93.0	79-128				

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 BD80244 - EPA 5030B											
LCS (BD80244-BS1)								Prepared & Analyzed: 04/05/2018			
Bromoform	8.6		ug/L	10.0		86.3	78-133				
Bromomethane	11		"	10.0		112	43-168				
Carbon disulfide	10		"	10.0		100	68-146				
Carbon tetrachloride	9.8		"	10.0		98.2	77-141				
Chlorobenzene	9.4		"	10.0		94.3	88-120				
Chloroethane	13		"	10.0		135	65-136				
Chloroform	10		"	10.0		101	82-128				
Chloromethane	11		"	10.0		114	43-155				
cis-1,2-Dichloroethylene	9.8		"	10.0		97.7	83-129				
cis-1,3-Dichloropropylene	8.6		"	10.0		86.0	80-131				
Cyclohexane	10		"	10.0		104	63-149				
Dibromochloromethane	9.2		"	10.0		92.5	80-130				
Dibromomethane	9.5		"	10.0		95.2	72-134				
Dichlorodifluoromethane	8.2		"	10.0		82.2	44-144				
Ethyl Benzene	9.8		"	10.0		98.2	80-131				
Hexachlorobutadiene	7.4		"	10.0		73.6	67-146				
Isopropylbenzene	9.8		"	10.0		98.3	76-140				
Methyl acetate	11		"	10.0		109	51-139				
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135				
Methylcyclohexane	8.8		"	10.0		88.4	72-143				
Methylene chloride	10		"	10.0		103	55-137				
n-Butylbenzene	9.6		"	10.0		96.4	79-132				
n-Propylbenzene	10		"	10.0		99.7	78-133				
o-Xylene	9.5		"	10.0		95.2	78-130				
p- & m- Xylenes	20		"	20.0		101	77-133				
p-Isopropyltoluene	10		"	10.0		101	81-136				
sec-Butylbenzene	10		"	10.0		103	79-137				
Styrene	9.3		"	10.0		93.0	67-132				
tert-Butyl alcohol (TBA)	55		"	50.0		111	25-162				
tert-Butylbenzene	9.6		"	10.0		95.9	77-138				
Tetrachloroethylene	9.0		"	10.0		89.6	82-131				
Toluene	9.6		"	10.0		96.1	80-127				
trans-1,2-Dichloroethylene	9.8		"	10.0		98.1	80-132				
trans-1,3-Dichloropropylene	8.2		"	10.0		81.9	78-131				
Trichloroethylene	9.4		"	10.0		94.1	82-128				
Trichlorofluoromethane	14		"	10.0		140	67-139	High Bias			
Vinyl Chloride	12		"	10.0		119	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.85*		*"*	*10.0*		*98.5*	*69-130*				
Surrogate: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80244 - EPA 5030B											
LCS Dup (BD80244-BSD1)								Prepared & Analyzed: 04/05/2018			
1,1,1,2-Tetrachloroethane	9.6		ug/L	10.0		96.1	82-126		1.26	30	
1,1,1-Trichloroethane	10		"	10.0		99.7	78-136		1.52	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-129		2.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		102	54-165		0.295	30	
1,1,2-Trichloroethane	9.9		"	10.0		99.1	82-123		3.80	30	
1,1-Dichloroethane	10		"	10.0		104	82-129		1.75	30	
1,1-Dichloroethylene	10		"	10.0		102	68-138		1.28	30	
1,2,3-Trichlorobenzene	9.2		"	10.0		91.5	76-136		0.436	30	
1,2,3-Trichloropropane	10		"	10.0		103	77-128		0.878	30	
1,2,4-Trichlorobenzene	8.9		"	10.0		89.0	76-137		0.676	30	
1,2,4-Trimethylbenzene	9.6		"	10.0		95.7	82-132		1.04	30	
1,2-Dibromo-3-chloropropane	8.8		"	10.0		87.9	45-147		0.342	30	
1,2-Dibromoethane	10		"	10.0		101	83-124		3.64	30	
1,2-Dichlorobenzene	9.8		"	10.0		98.0	79-123		0.102	30	
1,2-Dichloroethane	10		"	10.0		104	73-132		4.32	30	
1,2-Dichloropropane	10		"	10.0		100	78-126		2.83	30	
1,3,5-Trimethylbenzene	9.6		"	10.0		96.5	80-131		0.826	30	
1,3-Dichlorobenzene	9.9		"	10.0		98.9	86-122		0.303	30	
1,4-Dichlorobenzene	10		"	10.0		102	85-124		7.32	30	
1,4-Dioxane	280		"	210		135	10-349		12.7	30	
2-Butanone	8.4		"	10.0		84.3	49-152		4.29	30	
2-Hexanone	10		"	10.0		103	51-146		4.28	30	
4-Methyl-2-pentanone	10		"	10.0		104	57-145		3.01	30	
Acetone	12		"	10.0		117	14-150		0.0857	30	
Acrolein	9.8		"	10.0		97.9	10-153		3.11	30	
Acrylonitrile	11		"	10.0		114	51-150		2.84	30	
Benzene	10		"	10.0		104	85-126		2.82	30	
Bromochloromethane	11		"	10.0		114	77-128		1.24	30	
Bromodichloromethane	9.5		"	10.0		95.3	79-128		2.44	30	
Bromoform	9.0		"	10.0		90.0	78-133		4.20	30	
Bromomethane	12		"	10.0		122	43-168		8.30	30	
Carbon disulfide	10		"	10.0		102	68-146		1.78	30	
Carbon tetrachloride	9.9		"	10.0		99.3	77-141		1.11	30	
Chlorobenzene	9.6		"	10.0		95.8	88-120		1.58	30	
Chloroethane	13		"	10.0		134	65-136		0.521	30	
Chloroform	10		"	10.0		104	82-128		2.83	30	
Chloromethane	11		"	10.0		114	43-155		0.0880	30	
cis-1,2-Dichloroethylene	10		"	10.0		100	83-129		2.63	30	
cis-1,3-Dichloropropylene	8.8		"	10.0		88.4	80-131		2.75	30	
Cyclohexane	10		"	10.0		105	63-149		1.15	30	
Dibromochloromethane	9.7		"	10.0		96.7	80-130		4.44	30	
Dibromomethane	9.9		"	10.0		98.7	72-134		3.61	30	
Dichlorodifluoromethane	8.3		"	10.0		83.0	44-144		0.969	30	
Ethyl Benzene	10		"	10.0		100	80-131		2.02	30	
Hexachlorobutadiene	7.7		"	10.0		77.4	67-146		5.03	30	
Isopropylbenzene	9.7		"	10.0		97.1	76-140		1.23	30	
Methyl acetate	11		"	10.0		113	51-139		3.87	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		108	76-135		3.68	30	
Methylcyclohexane	9.1		"	10.0		90.8	72-143		2.68	30	
Methylene chloride	10		"	10.0		104	55-137		1.16	30	
n-Butylbenzene	9.7		"	10.0		96.6	79-132		0.207	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 BD80244 - EPA 5030B											
LCS Dup (BD80244-BSD1)								Prepared & Analyzed: 04/05/2018			
n-Propylbenzene	9.9		ug/L	10.0		99.0	78-133		0.705	30	
o-Xylene	9.7		"	10.0		96.8	78-130		1.67	30	
p- & m- Xylenes	21		"	20.0		103	77-133		2.10	30	
p-Isopropyltoluene	10		"	10.0		99.7	81-136		0.899	30	
sec-Butylbenzene	10		"	10.0		102	79-137		1.17	30	
Styrene	9.5		"	10.0		95.3	67-132		2.44	30	
tert-Butyl alcohol (TBA)	62		"	50.0		124	25-162		11.7	30	
tert-Butylbenzene	9.6		"	10.0		96.3	77-138		0.416	30	
Tetrachloroethylene	8.7		"	10.0		86.9	82-131		3.06	30	
Toluene	9.8		"	10.0		98.0	80-127		1.96	30	
trans-1,2-Dichloroethylene	10		"	10.0		99.8	80-132		1.72	30	
trans-1,3-Dichloropropylene	8.3		"	10.0		83.0	78-131		1.33	30	
Trichloroethylene	9.5		"	10.0		94.6	82-128		0.530	30	
Trichlorofluoromethane	14		"	10.0		141	67-139	High Bias	0.997	30	
Vinyl Chloride	12		"	10.0		121	58-145		1.75	30	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				
Matrix Spike (BD80244-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared: 04/05/2018 Analyzed: 04/06/2018			
1,1,1,2-Tetrachloroethane	8.4		ug/L	10.0	0.0	84.4	45-161				
1,1,1-Trichloroethane	9.1		"	10.0	0.0	90.9	70-146				
1,1,2,2-Tetrachloroethane	11		"	10.0	0.0	107	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.5		"	10.0	0.0	85.2	21-217				
1,1,2-Trichloroethane	9.8		"	10.0	0.0	97.5	59-146				
1,1-Dichloroethane	9.3		"	10.0	0.0	93.0	54-146				
1,1-Dichloroethylene	9.7		"	10.0	0.0	97.3	44-165				
1,2,3-Trichlorobenzene	7.1		"	10.0	0.0	71.0	40-161				
1,2,3-Trichloropropane	11		"	10.0	0.0	109	74-127				
1,2,4-Trichlorobenzene	6.6		"	10.0	0.0	66.1	41-161				
1,2,4-Trimethylbenzene	7.6		"	10.0	0.0	75.7	72-129				
1,2-Dibromo-3-chloropropane	9.5		"	10.0	0.0	95.1	31-151				
1,2-Dibromoethane	10		"	10.0	0.0	101	75-125				
1,2-Dichlorobenzene	8.3		"	10.0	0.0	83.2	63-122				
1,2-Dichloroethane	9.4		"	10.0	0.0	93.9	68-131				
1,2-Dichloropropane	9.1		"	10.0	0.0	90.6	77-121				
1,3,5-Trimethylbenzene	7.6		"	10.0	0.0	76.4	69-126				
1,3-Dichlorobenzene	8.0		"	10.0	0.0	80.1	74-119				
1,4-Dichlorobenzene	7.9		"	10.0	0.0	79.0	70-124				
1,4-Dioxane	230		"	210	0.0	111	10-310				
2-Butanone	10		"	10.0	0.0	101	10-193				
2-Hexanone	11		"	10.0	0.0	108	53-133				
4-Methyl-2-pentanone	11		"	10.0	0.0	108	38-150				
Acetone	12		"	10.0	1.5	103	13-149				
Acrolein	13		"	10.0	0.0	127	10-195				
Acrylonitrile	11		"	10.0	0.0	114	37-165				
Benzene	9.4		"	10.0	0.0	94.1	38-155				
Bromochloromethane	11		"	10.0	0.0	106	75-121				
Bromodichloromethane	8.6		"	10.0	0.0	86.1	70-129				
Bromoform	8.6		"	10.0	0.0	85.8	66-136				
Bromomethane	9.6		"	10.0	0.0	96.4	30-158				

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 BD80244 - EPA 5030B											
Matrix Spike (BD80244-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared: 04/05/2018 Analyzed: 04/06/2018			
Carbon disulfide	10		ug/L	10.0	0.0	101	10-138				
Carbon tetrachloride	9.1		"	10.0	0.0	90.8	71-146				
Chlorobenzene	8.5		"	10.0	0.0	85.1	81-117				
Chloroethane	12		"	10.0	0.0	116	51-145				
Chloroform	9.2		"	10.0	0.0	92.0	80-124				
Chloromethane	9.2		"	10.0	0.0	91.6	16-163				
cis-1,2-Dichloroethylene	8.9		"	10.0	0.0	89.3	76-125				
cis-1,3-Dichloropropylene	8.0		"	10.0	0.0	79.7	58-131				
Cyclohexane	8.5		"	10.0	0.20	82.9	70-130				
Dibromochloromethane	9.2		"	10.0	0.0	92.3	71-129				
Dibromomethane	9.6		"	10.0	0.0	95.7	76-120				
Dichlorodifluoromethane	6.1		"	10.0	0.0	60.7	30-147				
Ethyl Benzene	8.8		"	10.0	0.0	88.3	72-128				
Hexachlorobutadiene	5.5		"	10.0	0.0	55.4	34-166				
Isopropylbenzene	7.8		"	10.0	0.0	78.0	66-139				
Methyl acetate	12		"	10.0	0.0	120	10-200				
Methyl tert-butyl ether (MTBE)	10		"	10.0	0.0	105	75-128				
Methylcyclohexane	6.2		"	10.0	0.0	62.2	70-130	Low Bias			
Methylene chloride	9.3		"	10.0	0.0	92.9	57-128				
n-Butylbenzene	6.2		"	10.0	0.0	62.3	61-138				
n-Propylbenzene	7.9		"	10.0	0.0	79.4	66-134				
o-Xylene	8.3		"	10.0	0.0	82.9	69-126				
p- & m- Xylenes	18		"	20.0	0.0	88.5	67-130				
p-Isopropyltoluene	6.8		"	10.0	0.0	67.5	64-137				
sec-Butylbenzene	7.1		"	10.0	0.0	71.2	53-155				
Styrene	8.2		"	10.0	0.0	81.9	69-125				
tert-Butyl alcohol (TBA)	67		"	50.0	0.0	134	10-130	High Bias			
tert-Butylbenzene	7.1		"	10.0	0.0	71.0	65-139				
Tetrachloroethylene	7.8		"	10.0	0.0	78.0	64-139				
Toluene	9.0		"	10.0	0.0	89.9	76-123				
trans-1,2-Dichloroethylene	9.3		"	10.0	0.0	93.3	79-131				
trans-1,3-Dichloropropylene	7.9		"	10.0	0.0	78.7	55-130				
Trichloroethylene	8.8		"	10.0	0.0	87.8	53-145				
Trichlorofluoromethane	12		"	10.0	0.0	120	61-142				
Vinyl Chloride	11		"	10.0	0.0	108	31-165				
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.41*		*"*	*10.0*		*94.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80244 - EPA 5030B											
Matrix Spike Dup (BD80244-MSD1)	*Source sample: 18D0037-04 (2MW-04 20180402)								Prepared: 04/05/2018 Analyzed: 04/06/2018		
1,1,1,2-Tetrachloroethane	8.9		ug/L	10.0	0.0	89.1	45-161		5.42	30	
1,1,1-Trichloroethane	9.6		"	10.0	0.0	95.8	70-146		5.25	30	
1,1,2,2-Tetrachloroethane	11		"	10.0	0.0	113	74-121		4.73	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.7		"	10.0	0.0	87.2	21-217		2.32	30	
1,1,2-Trichloroethane	10		"	10.0	0.0	100	59-146		2.73	30	
1,1-Dichloroethane	9.7		"	10.0	0.0	97.1	54-146		4.31	30	
1,1-Dichloroethylene	10		"	10.0	0.0	99.6	44-165		2.34	30	
1,2,3-Trichlorobenzene	7.4		"	10.0	0.0	73.8	40-161		3.87	30	
1,2,3-Trichloropropane	12		"	10.0	0.0	117	74-127		6.80	30	
1,2,4-Trichlorobenzene	6.6		"	10.0	0.0	66.4	41-161		0.453	30	
1,2,4-Trimethylbenzene	7.8		"	10.0	0.0	78.5	72-129		3.63	30	
1,2-Dibromo-3-chloropropane	9.9		"	10.0	0.0	99.1	31-151		4.12	30	
1,2-Dibromoethane	11		"	10.0	0.0	106	75-125		4.64	30	
1,2-Dichlorobenzene	8.6		"	10.0	0.0	86.1	63-122		3.43	30	
1,2-Dichloroethane	9.9		"	10.0	0.0	98.7	68-131		4.98	30	
1,2-Dichloropropane	9.4		"	10.0	0.0	94.1	77-121		3.79	30	
1,3,5-Trimethylbenzene	7.8		"	10.0	0.0	78.2	69-126		2.33	30	
1,3-Dichlorobenzene	8.4		"	10.0	0.0	83.5	74-119		4.16	30	
1,4-Dichlorobenzene	8.2		"	10.0	0.0	81.6	70-124		3.24	30	
1,4-Dioxane	280		"	210	0.0	131	10-310		16.7	30	
2-Butanone	10		"	10.0	0.0	100	10-193		0.398	30	
2-Hexanone	11		"	10.0	0.0	110	53-133		2.38	30	
4-Methyl-2-pentanone	11		"	10.0	0.0	111	38-150		2.74	30	
Acetone	12		"	10.0	1.5	105	13-149		1.44	30	
Acrolein	14		"	10.0	0.0	138	10-195		8.10	30	
Acrylonitrile	12		"	10.0	0.0	118	37-165		3.70	30	
Benzene	9.8		"	10.0	0.0	98.0	38-155		4.06	30	
Bromochloromethane	11		"	10.0	0.0	110	75-121		3.53	30	
Bromodichloromethane	9.0		"	10.0	0.0	90.4	70-129		4.87	30	
Bromoform	9.1		"	10.0	0.0	91.3	66-136		6.21	30	
Bromomethane	12		"	10.0	0.0	115	30-158		17.9	30	
Carbon disulfide	10		"	10.0	0.0	105	10-138		3.60	30	
Carbon tetrachloride	9.4		"	10.0	0.0	94.4	71-146		3.89	30	
Chlorobenzene	8.9		"	10.0	0.0	89.0	81-117		4.48	30	
Chloroethane	12		"	10.0	0.0	125	51-145		7.15	30	
Chloroform	9.6		"	10.0	0.0	95.9	80-124		4.15	30	
Chloromethane	9.7		"	10.0	0.0	97.4	16-163		6.14	30	
cis-1,2-Dichloroethylene	9.3		"	10.0	0.0	92.7	76-125		3.74	30	
cis-1,3-Dichloropropylene	8.3		"	10.0	0.0	82.7	58-131		3.69	30	
Cyclohexane	8.8		"	10.0	0.20	86.1	70-130		3.79	30	
Dibromochloromethane	9.6		"	10.0	0.0	95.6	71-129		3.51	30	
Dibromomethane	10		"	10.0	0.0	102	76-120		5.98	30	
Dichlorodifluoromethane	6.4		"	10.0	0.0	64.1	30-147		5.45	30	
Ethyl Benzene	9.2		"	10.0	0.0	91.5	72-128		3.56	30	
Hexachlorobutadiene	6.0		"	10.0	0.0	60.4	34-166		8.64	30	
Isopropylbenzene	8.2		"	10.0	0.0	81.7	66-139		4.63	30	
Methyl acetate	12		"	10.0	0.0	122	10-200		2.15	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0	0.0	109	75-128		4.02	30	
Methylcyclohexane	6.5		"	10.0	0.0	64.8	70-130	Low Bias	4.09	30	
Methylene chloride	9.5		"	10.0	0.0	95.2	57-128		2.45	30	
n-Butylbenzene	6.3		"	10.0	0.0	62.8	61-138		0.799	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 BD80244 - EPA 5030B											
Matrix Spike Dup (BD80244-MSD1)	*Source sample: 18D0037-04 (2MW-04 20180402)								Prepared: 04/05/2018 Analyzed: 04/06/2018		
n-Propylbenzene	8.2		ug/L	10.0	0.0	81.9	66-134		3.10	30	
o-Xylene	8.6		"	10.0	0.0	85.8	69-126		3.44	30	
p- & m- Xylenes	18		"	20.0	0.0	91.3	67-130		3.11	30	
p-Isopropyltoluene	6.9		"	10.0	0.0	69.4	64-137		2.78	30	
sec-Butylbenzene	7.3		"	10.0	0.0	73.1	53-155		2.63	30	
Styrene	8.5		"	10.0	0.0	84.6	69-125		3.24	30	
tert-Butyl alcohol (TBA)	69		"	50.0	0.0	139	10-130	High Bias	3.88	30	
tert-Butylbenzene	7.3		"	10.0	0.0	73.2	65-139		3.05	30	
Tetrachloroethylene	8.0		"	10.0	0.0	80.3	64-139		2.91	30	
Toluene	9.3		"	10.0	0.0	92.6	76-123		2.96	30	
trans-1,2-Dichloroethylene	9.6		"	10.0	0.0	95.9	79-131		2.75	30	
trans-1,3-Dichloropropylene	8.3		"	10.0	0.0	82.8	55-130		5.08	30	
Trichloroethylene	9.2		"	10.0	0.0	91.5	53-145		4.13	30	
Trichlorofluoromethane	13		"	10.0	0.0	128	61-142		6.30	30	
Vinyl Chloride	11		"	10.0	0.0	114	31-165		5.69	30	
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.52*		*"*	*10.0*		*95.2*	*79-122*				

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 BD80155 - EPA 3510C											
Blank (BD80155-BLK1)											
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								

Prepared & Analyzed: 04/04/2018

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 BD80155 - EPA 3510C											
Blank (BD80155-BLK1)											
Prepared & Analyzed: 04/04/2018											
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Surrogate: 2-Fluorophenol	*23.0*		"	*77.0*		*29.9*	*19.7-63.1*				
Surrogate: Phenol-d5	*15.2*		"	*75.7*		*20.1*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*31.2*		"	*50.2*		*62.2*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*28.4*		"	*48.8*		*58.2*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*55.6*		"	*77.0*		*72.2*	*39.3-151*				
Surrogate: Terphenyl-d14	*24.1*		"	*50.2*		*48.1*	*30.7-106*				

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 BD80155 - EPA 3510C											
Blank (BD80155-BLK2)											
Prepared: 04/04/2018 Analyzed: 04/06/2018											
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80155 - EPA 3510C											
LCS (BD80155-BS1)								Prepared & Analyzed: 04/04/2018			
1,1-Biphenyl	17.6	5.00	ug/L	25.0		70.3	21-102				
1,2,4,5-Tetrachlorobenzene	18.2	5.00	"	25.0		72.9	28-105				
1,2,4-Trichlorobenzene	15.9	5.00	"	25.0		63.6	35-91				
1,2-Dichlorobenzene	16.7	5.00	"	25.0		66.9	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	16.5	5.00	"	25.0		66.1	16-137				
1,3-Dichlorobenzene	14.8	5.00	"	25.0		59.0	45-80				
1,4-Dichlorobenzene	16.6	5.00	"	25.0		66.5	42-82				
2,3,4,6-Tetrachlorophenol	30.6	5.00	"	25.0		123	30-130				
2,4,5-Trichlorophenol	16.4	5.00	"	25.0		65.6	36-112				
2,4,6-Trichlorophenol	16.9	5.00	"	25.0		67.6	41-107				
2,4-Dichlorophenol	17.2	5.00	"	25.0		68.9	43-92				
2,4-Dimethylphenol	18.6	5.00	"	25.0		74.6	25-92				
2,4-Dinitrophenol	17.0	5.00	"	25.0		68.0	10-149				
2,4-Dinitrotoluene	18.1	5.00	"	25.0		72.4	41-114				
2,6-Dinitrotoluene	18.4	5.00	"	25.0		73.4	49-106				
2-Chloronaphthalene	16.5	5.00	"	25.0		65.8	40-96				
2-Chlorophenol	14.8	5.00	"	25.0		59.2	35-84				
2-Methylnaphthalene	17.5	5.00	"	25.0		69.9	33-101				
2-Methylphenol	12.7	5.00	"	25.0		50.7	10-90				
2-Nitroaniline	17.4	5.00	"	25.0		69.8	31-122				
2-Nitrophenol	16.1	5.00	"	25.0		64.2	37-97				
3- & 4-Methylphenols	11.7	5.00	"	25.0		47.0	10-101				
3,3-Dichlorobenzidine	20.7	5.00	"	25.0		83.0	25-155				
3-Nitroaniline	14.8	5.00	"	25.0		59.1	29-128				
4,6-Dinitro-2-methylphenol	16.3	5.00	"	25.0		65.2	10-135				
4-Bromophenyl phenyl ether	20.2	5.00	"	25.0		80.8	38-116				
4-Chloro-3-methylphenol	18.0	5.00	"	25.0		72.2	28-101				
4-Chloroaniline	12.9	5.00	"	25.0		51.6	10-154				
4-Chlorophenyl phenyl ether	19.6	5.00	"	25.0		78.6	34-112				
4-Nitroaniline	22.4	5.00	"	25.0		89.5	15-143				
4-Nitrophenol	8.73	5.00	"	25.0		34.9	10-112				
Acenaphthene	17.0	0.0500	"	25.0		68.1	24-114				
Acenaphthylene	16.9	0.0500	"	25.0		67.8	26-112				
Acetophenone	18.6	5.00	"	25.0		74.4	47-92				
Aniline	10.3	5.00	"	25.0		41.4	10-107				
Anthracene	19.2	0.0500	"	25.0		76.7	35-114				
Atrazine	21.9	0.500	"	25.0		87.7	43-101				
Benzaldehyde	27.4	5.00	"	25.0		110	17-117				
Benzo(a)anthracene	19.4	0.0500	"	25.0		77.7	38-127				
Benzo(a)pyrene	21.2	0.0500	"	25.0		84.6	30-146				
Benzo(b)fluoranthene	19.8	0.0500	"	25.0		79.4	36-145				
Benzo(g,h,i)perylene	20.6	0.0500	"	25.0		82.2	10-163				
Benzo(k)fluoranthene	19.5	0.0500	"	25.0		78.2	16-149				
Benzoic acid	ND	50.0	"	29.0			30-130	Low Bias			
Benzyl alcohol	10.2	5.00	"	25.0		40.9	18-75				
Benzyl butyl phthalate	18.0	5.00	"	25.0		71.9	28-129				
Bis(2-chloroethoxy)methane	20.9	5.00	"	25.0		83.8	27-112				
Bis(2-chloroethyl)ether	16.9	5.00	"	25.0		67.6	24-114				
Bis(2-chloroisopropyl)ether	24.5	5.00	"	25.0		98.2	21-124				
Bis(2-ethylhexyl)phthalate	17.5	0.500	"	25.0		70.2	10-171				
Caprolactam	2.80	5.00	"	25.0		11.2	10-29				

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 BD80155 - EPA 3510C											
LCS (BD80155-BS1)								Prepared & Analyzed: 04/04/2018			
Carbazole	27.3	5.00	ug/L	25.0		109	49-116				
Chrysene	18.2	0.0500	"	25.0		72.8	33-120				
Dibenzo(a,h)anthracene	20.2	0.0500	"	25.0		80.8	10-149				
Dibenzofuran	18.5	5.00	"	25.0		73.9	42-105				
Diethyl phthalate	18.4	5.00	"	25.0		73.8	38-112				
Dimethyl phthalate	18.2	5.00	"	25.0		72.9	49-106				
Di-n-butyl phthalate	19.7	5.00	"	25.0		78.9	36-110				
Di-n-octyl phthalate	18.6	5.00	"	25.0		74.4	12-149				
Fluoranthene	20.0	0.0500	"	25.0		80.1	33-126				
Fluorene	18.5	0.0500	"	25.0		73.9	28-117				
Hexachlorobenzene	15.9	0.0200	"	25.0		63.5	27-120				
Hexachlorobutadiene	16.2	0.500	"	25.0		64.8	25-106				
Hexachlorocyclopentadiene	14.8	5.00	"	25.0		59.2	10-99				
Hexachloroethane	14.9	0.500	"	25.0		59.6	33-84				
Indeno(1,2,3-cd)pyrene	20.1	0.0500	"	25.0		80.5	10-150				
Isophorone	19.5	5.00	"	25.0		78.0	29-115				
Naphthalene	17.8	0.0500	"	25.0		71.2	30-99				
Nitrobenzene	16.8	0.250	"	25.0		67.4	32-113				
N-Nitrosodimethylamine	7.79	0.500	"	25.0		31.2	10-63				
N-nitroso-di-n-propylamine	19.6	5.00	"	25.0		78.4	36-118				
N-Nitrosodiphenylamine	20.8	5.00	"	25.0		83.2	27-145				
Pentachlorophenol	16.7	0.250	"	25.0		67.0	19-127				
Phenanthrene	18.1	0.0500	"	25.0		72.6	31-112				
Phenol	6.60	5.00	"	25.0		26.4	10-37				
Pyrene	17.7	0.0500	"	25.0		71.0	42-125				
Surrogate: 2-Fluorophenol	*24.3*		"	*77.0*		*31.5*	*19.7-63.1*				
Surrogate: Phenol-d5	*15.5*		"	*75.7*		*20.5*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*30.1*		"	*50.2*		*60.0*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*25.8*		"	*48.8*		*52.8*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*57.3*		"	*77.0*		*74.4*	*39.3-151*				
Surrogate: Terphenyl-d14	*25.1*		"	*50.2*		*50.1*	*30.7-106*				

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 BD80155 - EPA 3510C											
LCS (BD80155-BS2)								Prepared: 04/04/2018 Analyzed: 04/06/2018			
Acenaphthene	0.660	0.0500	ug/L	1.00		66.0	24-114				
Acenaphthylene	0.750	0.0500	"	1.00		75.0	26-112				
Anthracene	0.670	0.0500	"	1.00		67.0	35-114				
Atrazine	ND	0.500	"				43-101				
Benzo(a)anthracene	0.730	0.0500	"	1.00		73.0	38-127				
Benzo(a)pyrene	0.740	0.0500	"	1.00		74.0	30-146				
Benzo(b)fluoranthene	0.750	0.0500	"	1.00		75.0	36-145				
Benzo(g,h,i)perylene	0.740	0.0500	"	1.00		74.0	10-163				
Benzo(k)fluoranthene	0.720	0.0500	"	1.00		72.0	16-149				
Bis(2-ethylhexyl)phthalate	1.04	0.500	"	1.00		104	10-171				
Chrysene	0.660	0.0500	"	1.00		66.0	33-120				
Dibenzo(a,h)anthracene	0.700	0.0500	"	1.00		70.0	10-149				
Fluoranthene	0.720	0.0500	"	1.00		72.0	33-126				
Fluorene	0.730	0.0500	"	1.00		73.0	28-117				
Hexachlorobenzene	0.710	0.0200	"	1.00		71.0	27-120				
Hexachlorobutadiene	ND	0.500	"	1.00			25-106	Low Bias			
Hexachloroethane	ND	0.500	"	1.00			33-84	Low Bias			
Indeno(1,2,3-cd)pyrene	0.700	0.0500	"	1.00		70.0	10-150				
Naphthalene	0.710	0.0500	"	1.00		71.0	30-99				
Nitrobenzene	1.01	0.250	"	1.00		101	32-113				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-63	Low Bias			
Pentachlorophenol	0.660	0.250	"	1.00		66.0	19-127				
Phenanthrene	0.680	0.0500	"	1.00		68.0	31-112				
Pyrene	0.720	0.0500	"	1.00		72.0	42-125				
Matrix Spike (BD80155-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
1,1-Biphenyl	16.1	5.13	ug/L	25.6	ND	62.9	40-140				
1,2,4,5-Tetrachlorobenzene	15.9	5.13	"	25.6	ND	62.2	40-140				
1,2,4-Trichlorobenzene	14.8	5.13	"	25.6	ND	57.7	31-92				
1,2-Dichlorobenzene	15.8	5.13	"	25.6	ND	61.6	31-91				
1,2-Diphenylhydrazine (as Azobenzene)	17.2	5.13	"	25.6	ND	66.9	40-140				
1,3-Dichlorobenzene	14.8	5.13	"	25.6	ND	57.7	24-93				
1,4-Dichlorobenzene	15.8	5.13	"	25.6	ND	61.8	26-95				
2,3,4,6-Tetrachlorophenol	30.5	5.13	"	25.6	ND	119	30-130				
2,4,5-Trichlorophenol	14.5	5.13	"	25.6	ND	56.7	44-96				
2,4,6-Trichlorophenol	15.4	5.13	"	25.6	ND	60.2	39-107				
2,4-Dichlorophenol	16.1	5.13	"	25.6	ND	62.6	38-99				
2,4-Dimethylphenol	18.0	5.13	"	25.6	ND	70.2	10-116				
2,4-Dinitrophenol	16.6	5.13	"	25.6	ND	64.8	10-168				
2,4-Dinitrotoluene	16.8	5.13	"	25.6	ND	65.4	26-120				
2,6-Dinitrotoluene	17.4	5.13	"	25.6	ND	67.8	28-118				
2-Chloronaphthalene	15.2	5.13	"	25.6	ND	59.2	33-99				
2-Chlorophenol	14.4	5.13	"	25.6	ND	56.2	25-106				
2-Methylnaphthalene	16.5	5.13	"	25.6	ND	64.2	29-102				
2-Methylphenol	12.4	5.13	"	25.6	ND	48.2	10-118				
2-Nitroaniline	16.2	5.13	"	25.6	ND	63.1	48-99				
2-Nitrophenol	16.0	5.13	"	25.6	ND	62.4	36-103				
3- & 4-Methylphenols	11.4	5.13	"	25.6	ND	44.5	10-102				
3,3-Dichlorobenzidine	ND	5.13	"	25.6	ND		10-140	Low Bias			
3-Nitroaniline	11.9	5.13	"	25.6	ND	46.6	10-169				
4,6-Dinitro-2-methylphenol	15.1	5.13	"	25.6	ND	58.8	10-142				

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 BD80155 - EPA 3510C											
Matrix Spike (BD80155-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
4-Bromophenyl phenyl ether	17.4	5.13	ug/L	25.6	ND	67.8	35-109				
4-Chloro-3-methylphenol	16.6	5.13	"	25.6	ND	64.8	20-117				
4-Chloroaniline	8.79	5.13	"	25.6	ND	34.3	24-116				
4-Chlorophenyl phenyl ether	17.8	5.13	"	25.6	ND	69.2	31-112				
4-Nitroaniline	23.0	5.13	"	25.6	ND	89.8	24-143				
4-Nitrophenol	8.47	5.13	"	25.6	ND	33.0	10-119				
Acenaphthene	18.9	0.0513	"	25.6	4.36	56.5	17-132				
Acenaphthylene	15.7	0.0513	"	25.6	0.0821	60.7	13-124				
Acetophenone	17.9	5.13	"	25.6	ND	69.8	40-140				
Aniline	9.28	5.13	"	25.6	ND	36.2	10-133				
Anthracene	17.9	0.0513	"	25.6	ND	69.7	40-105				
Atrazine	18.0	0.513	"	25.6	ND	70.1	40-140				
Benzaldehyde	25.5	5.13	"	25.6	ND	99.4	40-140				
Benzo(a)anthracene	17.9	0.0513	"	25.6	ND	69.9	23-141				
Benzo(a)pyrene	19.2	0.0513	"	25.6	ND	75.0	46-118				
Benzo(b)fluoranthene	18.5	0.0513	"	25.6	ND	72.0	22-133				
Benzo(g,h,i)perylene	18.4	0.0513	"	25.6	ND	71.9	10-126				
Benzo(k)fluoranthene	18.0	0.0513	"	25.6	ND	70.0	18-152				
Benzoic acid	ND	51.3	"	29.7	ND		10-162	Low Bias			
Benzyl alcohol	10.8	5.13	"	25.6	ND	42.2	10-114				
Benzyl butyl phthalate	16.5	5.13	"	25.6	ND	64.4	31-121				
Bis(2-chloroethoxy)methane	19.9	5.13	"	25.6	ND	77.6	23-110				
Bis(2-chloroethyl)ether	16.8	5.13	"	25.6	ND	65.4	10-132				
Bis(2-chloroisopropyl)ether	25.4	5.13	"	25.6	ND	99.0	12-132				
Bis(2-ethylhexyl)phthalate	17.3	0.513	"	25.6	ND	67.5	14-131				
Caprolactam	3.02	5.13	"	25.6	ND	11.8	40-140	Low Bias			
Carbazole	29.7	5.13	"	25.6	ND	116	10-169				
Chrysene	17.6	0.0513	"	25.6	ND	68.8	30-127				
Dibenzo(a,h)anthracene	18.1	0.0513	"	25.6	ND	70.8	10-131				
Dibenzofuran	16.8	5.13	"	25.6	ND	65.6	37-103				
Diethyl phthalate	17.4	5.13	"	25.6	ND	67.8	41-106				
Dimethyl phthalate	16.8	5.13	"	25.6	ND	65.5	38-105				
Di-n-butyl phthalate	18.0	5.13	"	25.6	ND	70.1	24-121				
Di-n-octyl phthalate	18.1	5.13	"	25.6	ND	70.6	25-141				
Fluoranthene	18.1	0.0513	"	25.6	ND	70.7	29-123				
Fluorene	17.4	0.0513	"	25.6	ND	67.7	20-133				
Hexachlorobenzene	15.2	0.0205	"	25.6	ND	59.2	24-120				
Hexachlorobutadiene	15.0	0.513	"	25.6	ND	58.4	26-98				
Hexachlorocyclopentadiene	13.2	5.13	"	25.6	ND	51.4	10-103				
Hexachloroethane	15.1	0.513	"	25.6	ND	58.9	11-102				
Indeno(1,2,3-cd)pyrene	18.3	0.0513	"	25.6	ND	71.5	10-130				
Isophorone	18.3	5.13	"	25.6	ND	71.5	19-113				
Naphthalene	16.9	0.0513	"	25.6	ND	65.9	26-104				
Nitrobenzene	16.6	0.256	"	25.6	ND	64.9	25-107				
N-Nitrosodimethylamine	8.06	0.513	"	25.6	ND	31.4	10-110				
N-nitroso-di-n-propylamine	19.3	5.13	"	25.6	ND	75.4	16-127				
N-Nitrosodiphenylamine	19.1	5.13	"	25.6	ND	74.4	46-116				
Pentachlorophenol	18.0	0.256	"	25.6	ND	70.2	10-181				
Phenanthrene	17.0	0.0513	"	25.6	0.103	65.9	29-121				
Phenol	ND	5.13	"	25.6	ND		10-107	Low Bias			
Pyrene	16.1	0.0513	"	25.6	ND	62.8	34-129				

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 BD80155 - EPA 3510C											
Matrix Spike (BD80155-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
Surrogate: 2-Fluorophenol	*23.7*		*ug/L*	*79.0*		*30.0*	*19.7-63.1*				
Surrogate: Phenol-d5	*15.3*		*"*	*77.6*		*19.7*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*29.7*		*"*	*51.5*		*57.6*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*23.0*		*"*	*50.1*		*46.0*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*51.3*		*"*	*79.0*		*64.9*	*39.3-151*				
Surrogate: Terphenyl-d14	*21.2*		*"*	*51.5*		*41.2*	*30.7-106*				
Matrix Spike Dup (BD80155-MSD1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
1,1-Biphenyl	17.6	5.13	ug/L	25.6	ND	68.8	40-140		8.93	20	
1,2,4,5-Tetrachlorobenzene	17.1	5.13	"	25.6	ND	66.9	40-140		7.25	20	
1,2,4-Trichlorobenzene	15.4	5.13	"	25.6	ND	60.2	31-92		4.21	20	
1,2-Dichlorobenzene	17.3	5.13	"	25.6	ND	67.4	31-91		8.93	20	
1,2-Diphenylhydrazine (as Azobenzene)	16.9	5.13	"	25.6	ND	66.1	40-140		1.26	20	
1,3-Dichlorobenzene	15.8	5.13	"	25.6	ND	61.7	24-93		6.70	20	
1,4-Dichlorobenzene	17.6	5.13	"	25.6	ND	68.6	26-95		10.5	20	
2,3,4,6-Tetrachlorophenol	32.4	5.13	"	25.6	ND	126	30-130		6.13	20	
2,4,5-Trichlorophenol	15.6	5.13	"	25.6	ND	61.0	44-96		7.28	20	
2,4,6-Trichlorophenol	16.5	5.13	"	25.6	ND	64.4	39-107		6.75	20	
2,4-Dichlorophenol	17.0	5.13	"	25.6	ND	66.1	38-99		5.47	20	
2,4-Dimethylphenol	19.3	5.13	"	25.6	ND	75.1	10-116		6.77	20	
2,4-Dinitrophenol	17.0	5.13	"	25.6	ND	66.4	10-168		2.44	20	
2,4-Dinitrotoluene	17.6	5.13	"	25.6	ND	68.6	26-120		4.78	20	
2,6-Dinitrotoluene	18.2	5.13	"	25.6	ND	70.9	28-118		4.38	20	
2-Chloronaphthalene	15.9	5.13	"	25.6	ND	62.2	33-99		5.01	20	
2-Chlorophenol	16.0	5.13	"	25.6	ND	62.3	25-106		10.3	20	
2-Methylnaphthalene	17.2	5.13	"	25.6	ND	67.2	29-102		4.63	20	
2-Methylphenol	13.8	5.13	"	25.6	ND	53.9	10-118		11.1	20	
2-Nitroaniline	17.3	5.13	"	25.6	ND	67.4	48-99		6.68	20	
2-Nitrophenol	16.4	5.13	"	25.6	ND	64.0	36-103		2.66	20	
3- & 4-Methylphenols	12.8	5.13	"	25.6	ND	49.8	10-102		11.3	20	
3,3-Dichlorobenzidine	ND	5.13	"	25.6	ND		10-140	Low Bias		20	
3-Nitroaniline	12.7	5.13	"	25.6	ND	49.6	10-169		6.32	20	
4,6-Dinitro-2-methylphenol	15.5	5.13	"	25.6	ND	60.3	10-142		2.42	20	
4-Bromophenyl phenyl ether	18.7	5.13	"	25.6	ND	72.9	35-109		7.22	20	
4-Chloro-3-methylphenol	17.6	5.13	"	25.6	ND	68.7	20-117		5.93	20	
4-Chloroaniline	9.57	5.13	"	25.6	ND	37.3	24-116		8.49	20	
4-Chlorophenyl phenyl ether	19.0	5.13	"	25.6	ND	74.0	31-112		6.70	20	
4-Nitroaniline	24.6	5.13	"	25.6	ND	95.9	24-143		6.64	20	
4-Nitrophenol	ND	5.13	"	25.6	ND		10-119	Low Bias		20	
Acenaphthene	20.2	0.0513	"	25.6	4.36	61.9	17-132		7.03	20	
Acenaphthylene	16.9	0.0513	"	25.6	0.0821	65.4	13-124		7.38	20	
Acetophenone	20.3	5.13	"	25.6	ND	79.3	40-140		12.8	20	
Aniline	10.5	5.13	"	25.6	ND	41.1	10-133		12.6	20	
Anthracene	19.0	0.0513	"	25.6	ND	74.2	40-105		6.23	20	
Atrazine	19.2	0.513	"	25.6	ND	74.7	40-140		6.41	20	
Benzaldehyde	28.3	5.13	"	25.6	ND	111	40-140		10.6	20	
Benzo(a)anthracene	19.0	0.0513	"	25.6	ND	73.9	23-141		5.62	20	
Benzo(a)pyrene	20.9	0.0513	"	25.6	ND	81.4	46-118		8.13	20	
Benzo(b)fluoranthene	19.9	0.0513	"	25.6	ND	77.7	22-133		7.53	20	
Benzo(g,h,i)perylene	18.7	0.0513	"	25.6	ND	73.0	10-126		1.49	20	
Benzo(k)fluoranthene	19.5	0.0513	"	25.6	ND	76.2	18-152		8.48	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80155 - EPA 3510C											
Matrix Spike Dup (BD80155-MSD1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
Benzoic acid	ND	51.3	ug/L	29.7	ND		10-162	Low Bias		20	
Benzyl alcohol	12.2	5.13	"	25.6	ND	47.7	10-114		12.3	20	
Benzyl butyl phthalate	17.8	5.13	"	25.6	ND	69.4	31-121		7.48	20	
Bis(2-chloroethoxy)methane	20.9	5.13	"	25.6	ND	81.5	23-110		4.98	20	
Bis(2-chloroethyl)ether	18.4	5.13	"	25.6	ND	71.6	10-132		9.11	20	
Bis(2-chloroisopropyl)ether	28.4	5.13	"	25.6	ND	111	12-132		11.3	20	
Bis(2-ethylhexyl)phthalate	18.4	0.513	"	25.6	ND	71.9	14-131		6.31	20	
Caprolactam	ND	5.13	"	25.6	ND		40-140	Low Bias		20	
Carbazole	30.9	5.13	"	25.6	ND	120	10-169		3.86	20	
Chrysene	18.6	0.0513	"	25.6	ND	72.7	30-127		5.54	20	
Dibenzo(a,h)anthracene	18.8	0.0513	"	25.6	ND	73.4	10-131		3.61	20	
Dibenzofuran	17.7	5.13	"	25.6	ND	69.1	37-103		5.23	20	
Diethyl phthalate	18.1	5.13	"	25.6	ND	70.4	41-106		3.82	20	
Dimethyl phthalate	17.7	5.13	"	25.6	ND	68.8	38-105		4.94	20	
Di-n-butyl phthalate	19.5	5.13	"	25.6	ND	75.9	24-121		7.95	20	
Di-n-octyl phthalate	19.4	5.13	"	25.6	ND	75.7	25-141		6.94	20	
Fluoranthene	19.3	0.0513	"	25.6	ND	75.4	29-123		6.52	20	
Fluorene	18.6	0.0513	"	25.6	ND	72.4	20-133		6.74	20	
Hexachlorobenzene	16.3	0.0205	"	25.6	ND	63.5	24-120		6.97	20	
Hexachlorobutadiene	15.7	0.513	"	25.6	ND	61.3	26-98		4.88	20	
Hexachlorocyclopentadiene	13.8	5.13	"	25.6	ND	54.0	10-103		4.94	20	
Hexachloroethane	16.6	0.513	"	25.6	ND	64.6	11-102		9.26	20	
Indeno(1,2,3-cd)pyrene	15.4	0.0513	"	25.6	ND	60.1	10-130		17.3	20	
Isophorone	19.5	5.13	"	25.6	ND	76.0	19-113		6.18	20	
Naphthalene	17.9	0.0513	"	25.6	ND	70.0	26-104		6.06	20	
Nitrobenzene	17.7	0.256	"	25.6	ND	69.1	25-107		6.27	20	
N-Nitrosodimethylamine	8.71	0.513	"	25.6	ND	34.0	10-110		7.71	20	
N-nitroso-di-n-propylamine	21.5	5.13	"	25.6	ND	84.0	16-127		10.9	20	
N-Nitrosodiphenylamine	20.4	5.13	"	25.6	ND	79.7	46-116		6.96	20	
Pentachlorophenol	18.5	0.256	"	25.6	ND	72.2	10-181		2.70	20	
Phenanthrene	18.1	0.0513	"	25.6	0.103	70.2	29-121		6.20	20	
Phenol	7.36	5.13	"	25.6	ND	28.7	10-107			20	
Pyrene	17.5	0.0513	"	25.6	ND	68.4	34-129		8.41	20	
Surrogate: 2-Fluorophenol	*26.3*		*"*	*79.0*		*33.3*	*19.7-63.1*				
Surrogate: Phenol-d5	*17.4*		*"*	*77.6*		*22.5*	*10.1-41.7*				
Surrogate: Nitrobenzene-d5	*31.3*		*"*	*51.5*		*60.9*	*50.2-113*				
Surrogate: 2-Fluorobiphenyl	*25.0*		*"*	*50.1*		*50.0*	*39.9-105*				
Surrogate: 2,4,6-Tribromophenol	*55.3*		*"*	*79.0*		*70.0*	*39.3-151*				
Surrogate: Terphenyl-d14	*23.1*		*"*	*51.5*		*44.9*	*30.7-106*				

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 BD80227 - EPA 3015A											
Blank (BD80227-BLK1)											Prepared & Analyzed: 04/05/2018
Aluminum - Dissolved	ND	0.056	mg/L								
Antimony - Dissolved	ND	0.006	"								
Arsenic - Dissolved	ND	0.004	"								
Barium - Dissolved	ND	0.011	"								
Beryllium - Dissolved	ND	0.001	"								
Cadmium - Dissolved	ND	0.003	"								
Calcium - Dissolved	ND	0.056	"								
Chromium - Dissolved	ND	0.006	"								
Cobalt - Dissolved	ND	0.006	"								
Copper - Dissolved	ND	0.003	"								
Iron - Dissolved	ND	0.022	"								
Lead - Dissolved	ND	0.006	"								
Magnesium - Dissolved	ND	0.056	"								
Manganese - Dissolved	ND	0.006	"								
Nickel - Dissolved	ND	0.006	"								
Potassium - Dissolved	ND	0.056	"								
Selenium - Dissolved	ND	0.011	"								
Silver - Dissolved	ND	0.006	"								
Sodium - Dissolved	ND	0.111	"								
Thallium - Dissolved	ND	0.006	"								
Vanadium - Dissolved	ND	0.011	"								
Zinc - Dissolved	ND	0.017	"								
LCS (BD80227-BS1)											Prepared & Analyzed: 04/05/2018
Aluminum - Dissolved	2.09		ug/mL	2.00		104	85-115				
Antimony - Dissolved	0.238		"	0.250		95.3	85-115				
Arsenic - Dissolved	1.83		"	2.00		91.7	85-115				
Barium - Dissolved	2.04		"	2.00		102	85-115				
Beryllium - Dissolved	0.050		"	0.0500		99.4	85-115				
Cadmium - Dissolved	0.050		"	0.0500		99.7	85-115				
Calcium - Dissolved	0.983		"	1.00		98.3	85-115				
Chromium - Dissolved	0.211		"	0.200		106	85-115				
Cobalt - Dissolved	0.528		"	0.500		106	85-115				
Copper - Dissolved	0.262		"	0.250		105	85-115				
Iron - Dissolved	1.00		"	1.00		100	85-115				
Lead - Dissolved	0.495		"	0.500		98.9	85-115				
Magnesium - Dissolved	0.993		"	1.00		99.3	85-115				
Manganese - Dissolved	0.513		"	0.500		103	85-115				
Nickel - Dissolved	0.518		"	0.500		104	85-115				
Potassium - Dissolved	0.990		"	1.00		99.0	85-115				
Selenium - Dissolved	1.71		"	2.00		85.6	85-115				
Silver - Dissolved	0.052		"	0.0500		104	85-115				
Sodium - Dissolved	1.01		"	1.00		101	85-115				
Thallium - Dissolved	1.92		"	2.00		96.2	85-115				
Vanadium - Dissolved	0.502		"	0.500		100	85-115				
Zinc - Dissolved	0.499		"	0.500		99.7	85-115				

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 BD80227 - EPA 3015A											
Duplicate (BD80227-DUP1)	*Source sample: 18D0037-04 (2MW-04 20180402)								Prepared & Analyzed: 04/05/2018		
Aluminum - Dissolved	ND	0.056	mg/L		ND					20	
Antimony - Dissolved	ND	0.006	"		ND					20	
Arsenic - Dissolved	ND	0.004	"		ND					20	
Barium - Dissolved	0.108	0.011	"		0.109				1.04	20	
Beryllium - Dissolved	ND	0.001	"		ND					20	
Cadmium - Dissolved	ND	0.003	"		ND					20	
Calcium - Dissolved	138	0.056	"		137				0.347	20	
Chromium - Dissolved	ND	0.006	"		ND					20	
Cobalt - Dissolved	ND	0.006	"		ND					20	
Copper - Dissolved	0.003	0.003	"		ND					20	
Iron - Dissolved	1.85	0.022	"		1.90				2.76	20	
Lead - Dissolved	ND	0.006	"		ND					20	
Magnesium - Dissolved	20.3	0.056	"		20.7				1.72	20	
Manganese - Dissolved	1.67	0.006	"		1.67				0.00720	20	
Nickel - Dissolved	ND	0.006	"		ND					20	
Potassium - Dissolved	11.0	0.056	"		11.1				1.07	20	
Selenium - Dissolved	0.017	0.011	"		0.024				30.8	20	Non-dir.
Silver - Dissolved	ND	0.006	"		ND					20	
Sodium - Dissolved	64.2	0.111	"		63.2				1.66	20	
Thallium - Dissolved	ND	0.006	"		ND					20	
Vanadium - Dissolved	ND	0.011	"		ND					20	
Zinc - Dissolved	ND	0.017	"		ND					20	
Matrix Spike (BD80227-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)								Prepared & Analyzed: 04/05/2018		
Antimony - Dissolved	0.279	0.006	mg/L	0.278	ND	100	75-125				
Arsenic - Dissolved	2.15	0.004	"	2.22	ND	96.9	75-125				
Barium - Dissolved	2.34	0.011	"	2.22	0.109	100	75-125				
Beryllium - Dissolved	0.054	0.001	"	0.0556	ND	97.9	75-125				
Cadmium - Dissolved	0.055	0.003	"	0.0556	ND	98.4	75-125				
Chromium - Dissolved	0.235	0.006	"	0.222	ND	106	75-125				
Cobalt - Dissolved	0.580	0.006	"	0.556	ND	104	75-125				
Copper - Dissolved	0.293	0.003	"	0.278	ND	105	75-125				
Iron - Dissolved	3.01	0.022	"	1.11	1.90	99.5	75-125				
Lead - Dissolved	0.541	0.006	"	0.556	ND	97.5	75-125				
Manganese - Dissolved	2.24	0.006	"	0.556	1.67	104	75-125				
Nickel - Dissolved	0.578	0.006	"	0.556	ND	104	75-125				
Selenium - Dissolved	2.00	0.011	"	2.22	0.024	88.9	75-125				
Silver - Dissolved	0.056	0.006	"	0.0556	ND	100	75-125				
Thallium - Dissolved	2.18	0.006	"	2.22	ND	98.0	75-125				
Vanadium - Dissolved	0.556	0.011	"	0.556	ND	100	75-125				
Zinc - Dissolved	0.556	0.017	"	0.556	ND	100	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 BD80228 - EPA 3015A											
Blank (BD80228-BLK1)											Prepared & Analyzed: 04/05/2018
Aluminum	ND	0.056	mg/L								
Antimony	ND	0.006	"								
Arsenic	ND	0.004	"								
Barium	ND	0.011	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.056	"								
Chromium	ND	0.006	"								
Cobalt	ND	0.006	"								
Copper	ND	0.003	"								
Iron	ND	0.022	"								
Lead	ND	0.006	"								
Magnesium	ND	0.056	"								
Manganese	ND	0.006	"								
Nickel	ND	0.006	"								
Potassium	ND	0.056	"								
Selenium	ND	0.011	"								
Silver	ND	0.006	"								
Sodium	ND	0.111	"								
Thallium	ND	0.006	"								
Vanadium	ND	0.011	"								
Zinc	ND	0.017	"								
LCS (BD80228-BS1)											Prepared & Analyzed: 04/05/2018
Aluminum	1.92		ug/mL	2.00		96.0	80-120				
Antimony	0.228		"	0.250		91.4	80-120				
Arsenic	1.77		"	2.00		88.6	80-120				
Barium	1.97		"	2.00		98.7	80-120				
Beryllium	0.048		"	0.0500		95.8	80-120				
Cadmium	0.048		"	0.0500		95.4	80-120				
Calcium	0.973		"	1.00		97.3	80-120				
Chromium	0.204		"	0.200		102	80-120				
Cobalt	0.499		"	0.500		99.7	80-120				
Copper	0.243		"	0.250		97.1	80-120				
Iron	0.994		"	1.00		99.4	80-120				
Lead	0.471		"	0.500		94.2	80-120				
Magnesium	0.984		"	1.00		98.4	80-120				
Manganese	0.495		"	0.500		99.0	80-120				
Nickel	0.487		"	0.500		97.5	80-120				
Potassium	1.03		"	1.00		103	80-120				
Selenium	1.65		"	2.00		82.6	80-120				
Silver	0.049		"	0.0500		98.8	80-120				
Sodium	0.975		"	1.00		97.5	80-120				
Thallium	1.84		"	2.00		91.9	80-120				
Vanadium	0.485		"	0.500		96.9	80-120				
Zinc	0.472		"	0.500		94.5	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD80228 - EPA 3015A											
Duplicate (BD80228-DUP1)	*Source sample: 18D0037-04 (2MW-04 20180402)								Prepared & Analyzed: 04/05/2018		
Aluminum	0.135	0.056	mg/L		0.133				1.44	20	
Antimony	ND	0.006	"		ND					20	
Arsenic	ND	0.004	"		ND					20	
Barium	0.149	0.011	"		0.152				2.26	20	
Beryllium	ND	0.001	"		ND					20	
Cadmium	ND	0.003	"		ND					20	
Calcium	139	0.056	"		143				2.30	20	
Chromium	ND	0.006	"		ND					20	
Cobalt	ND	0.006	"		ND					20	
Copper	ND	0.003	"		ND					20	
Iron	17.0	0.022	"		17.0				0.356	20	
Lead	ND	0.006	"		ND					20	
Magnesium	20.9	0.056	"		20.9				0.185	20	
Manganese	1.68	0.006	"		1.70				1.51	20	
Nickel	ND	0.006	"		ND					20	
Potassium	13.0	0.056	"		12.7				1.94	20	
Selenium	ND	0.011	"		ND					20	
Silver	ND	0.006	"		ND					20	
Sodium	59.0	0.111	"		63.1				6.64	20	
Thallium	ND	0.006	"		ND					20	
Vanadium	ND	0.011	"		ND					20	
Zinc	ND	0.017	"		ND					20	
Matrix Spike (BD80228-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)								Prepared & Analyzed: 04/05/2018		
Antimony	0.265	0.006	mg/L	0.278	ND	95.6	75-125				
Arsenic	2.07	0.004	"	2.22	ND	93.1	75-125				
Barium	2.30	0.011	"	2.22	0.152	96.5	75-125				
Beryllium	0.053	0.001	"	0.0556	ND	94.6	75-125				
Cadmium	0.052	0.003	"	0.0556	ND	94.4	75-125				
Chromium	0.227	0.006	"	0.222	ND	102	75-125				
Cobalt	0.558	0.006	"	0.556	ND	100	75-125				
Copper	0.277	0.003	"	0.278	ND	99.7	75-125				
Iron	18.1	0.022	"	1.11	17.0	97.8	75-125				
Lead	0.519	0.006	"	0.556	ND	93.4	75-125				
Manganese	2.23	0.006	"	0.556	1.70	95.1	75-125				
Nickel	0.559	0.006	"	0.556	ND	101	75-125				
Selenium	1.92	0.011	"	2.22	ND	86.5	75-125				
Silver	0.054	0.006	"	0.0556	ND	97.0	75-125				
Thallium	2.08	0.006	"	2.22	ND	93.6	75-125				
Vanadium	0.537	0.011	"	0.556	ND	96.6	75-125				
Zinc	0.540	0.017	"	0.556	ND	97.2	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 BD80174 - EPA 7473 water											
Blank (BD80174-BLK1)								Prepared & Analyzed: 04/04/2018			
Mercury	ND	0.00020	mg/L								
Duplicate (BD80174-DUP1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
Mercury	0.000204	0.00020	mg/L		ND					20	
Matrix Spike (BD80174-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
Mercury	0.00959		mg/L	0.0100	0.00019	93.9	75-125				
Reference (BD80174-SRM1)								Prepared & Analyzed: 04/04/2018			
Mercury	0.00840		mg/L	0.0100		84.0	70-130				
Batch BD80193 - EPA 7473 water											
Blank (BD80193-BLK1)								Prepared & Analyzed: 04/04/2018			
Mercury - Dissolved	ND	0.0002000	mg/L								
Duplicate (BD80193-DUP1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
Mercury - Dissolved	ND	0.0002000	mg/L		ND					20	
Matrix Spike (BD80193-MS1)	*Source sample: 18D0037-04 (2MW-04 20180402)							Prepared & Analyzed: 04/04/2018			
Mercury - Dissolved	0.008520		mg/L	0.0100	0.0001015	84.2	75-125				
Reference (BD80193-SRM1)								Prepared & Analyzed: 04/04/2018			
Mercury - Dissolved	0.008487		mg/L	0.0100		84.9	70-130				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
18D0037-01	2MW-01 20180402	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18D0037-02	2MW-02 20180402	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18D0037-03	2MW-03 20180402	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18D0037-04	2MW-04 20180402	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18D0037-05	2MW-05 20180402	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18D0037-06	DUP-20180402	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18D0037-07	TB 20180402	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
18D0037-08	RB 20180402	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
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-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 18D0037

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: WCD	SAME Gina Wolfman	SAME Brenda	GQ14076	RUSH-Same Day	Summary Report X
Address: 24 Davis Avenue	Name:	Name:		RUSH-Next Day	QA Report
Poughkeepsie, NY	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: (845) 452-1658	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Gina Wolfman			GQ14076.53	RUSH-Four Day	NY ASP A Package
E-mail: gwolfman@wcdgroup.com	E-mail:	E-mail bwells@wcdgroup.com	Samples from New York	Standard (5-7day) X	NY ASP B Package X
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: NYSDEC
					OTHER:

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/Authorized By (Signature)

Claire Siegrist
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	DateSampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
2MW-01 20180402	4/2/2018 1255	GW	TCL VOCs (8260); TCL SVOCs (8270); total & dissolved TAL metals	3, 40-ml vials (HCl); 3, 1-L; amber glass; 1, 250-ml plastic (NHO3); 1, 250-ml plastic
2MW-02 20180402	4/2/2018 1042	GW		
2MW-03 20180402	4/2/2018 1335	GW		
2MW-04 20180402	4/2/2018 1520	GW		
2MW-05 20180402	4/2/2018 1530	GW		
DUP-20180402	4/2/2018 1000	GW		
TB-20180402	4/2/2018 –	Water	TCL VOCs (8260)	2, 40-ml vials (HCl)
RB-20180402	4/2/2018 1545	Water		

Comments:
MS/MSD provided from 2MW-04 20180402
VOC/SVOCS Target Compound List Only

Preservation (check all applicable): 4°C ____ Frozen ____ HCl ____ MeOH ____ HNO_3 ____ H_2SO_4 ____ NaOH ____ ZnAc ____ Ascorbic Acid ____ Other ____

Special Instructions
Field Filtered ☐
Lab to Filter ☒

Samples Relinquished By — Date/Time: 4/2/18
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 4/2/18 420pm
Samples Received in LAB by — Date/Time: 4/2/18 1846

Temperature on Receipt: 3.3 °C